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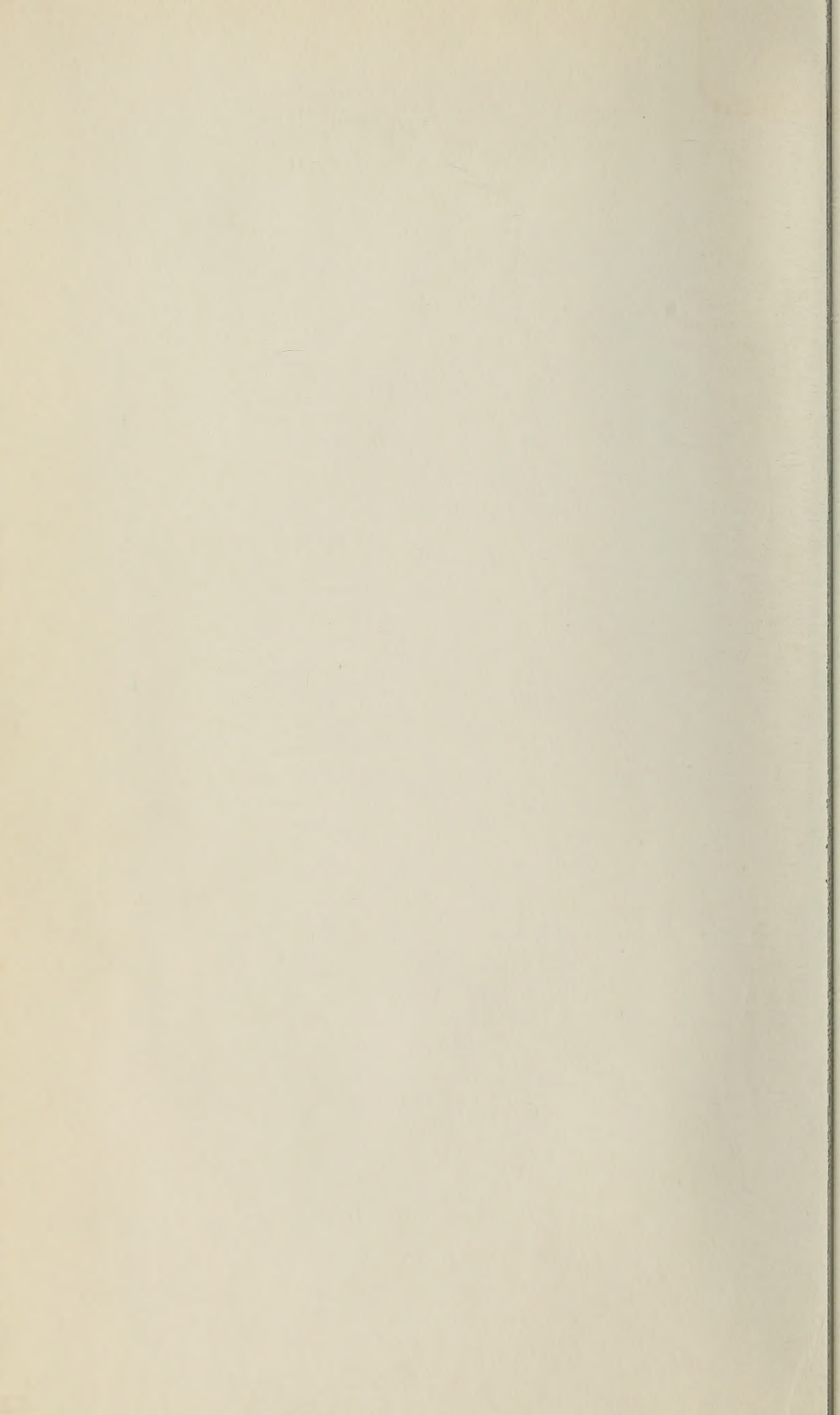




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APRIL, 1914

Number 26

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UNIVERSITY OF ILLINOIS

# University of Alabama Bulletin



## General Catalogue 1913-1914

PUBLISHED QUARTERLY BY THE UNIVERSITY  
UNIVERSITY, ALABAMA

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Catalogue

OF THE

University of Alabama

FOR THE

College Year

1913-14

AND

Announcements for

1914-15

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PRINTED FOR THE UNIVERSITY  
UNIVERSITY, ALABAMA





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B. L. H.  
1913/14 - 1915/16

# University Calendar

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SESSION OF 1914-1915

## 1914

- September 7-8, Entrance Examinations, Enrollment, and Classification of students.
- September 9, First Term of College of Arts and Sciences, College of Engineering, and School of Law begins.
- October 1, Session of School of Medicine at Mobile begins.
- November 26, Thanksgiving Day.
- December 2, Second Term begins.
- December 22, Christmas Vacation begins at 1 o'clock p. m.

## 1915

- January 5, Exercises are resumed at 8 o'clock a. m.
- February 22, Senior Class Day.
- March 10, Third Term begins.
- May 30, Baccalaureate Sunday.
- May 31, Speaking for Trustees Prize.
- June 1, Alumni Day.
- June 2, Commencement Day.
- June 3, Summer Vacation begins.
- June 9, Commencement of School of Medicine at Mobile.

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- June 10, University Summer School for Teachers begins.
- July 21, Summer School closes.

# Board of Trustees

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HIS EXCELLENCY, EMMET O'NEAL, Governor of  
Alabama, President, *ex-officio*.

WILLIAM F. FEAGIN, State Superintendent of Education, *ex-officio*.

Congressional Districts.	Term expires.
First District.....THOMAS M. STEVENS, Mobile.....	1919
Second District.... <sup>1</sup> M. P. LEGRAND, Montgomery.....	1923
Third District.....EUGENE H. GLENN, Seale.....	1915
Fourth District.... <sup>2</sup> J. H. JOHNSON, Talladega.....	1919
Fifth District.....DANIEL PRATT, Prattville.....	1923
Sixth District.....THOMAS W. COLEMAN, Eutaw.....	1919
Sixth District.....HENRY B. FOSTER, Tuscaloosa.....	1915
Seventh District..HUBERT T. DAVIS, Gadsden.....	1923
Eighth District....THOMAS C. MCCLELLAN, Athens.....	1915
Ninth District....HUGH MORROW, Birmingham.....	1923
ROBISON BROWN, Secretary and Commissioner of University Lands. SHALER C. HOUSER, Treasurer.	

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BUILDING COMMITTEE—Governor O'Neal, Messrs. LeGrand, Foster, Johnson, Pratt.

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<sup>1</sup>Died August 6, 1913.

<sup>2</sup>Died November 25, 1913.



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Clinical Assistant in Genito-Urinary Diseases.

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CHARLES W. McKAY,  
SIDNEY P. SMITH,  
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Engineering Librarian.

JEFFERSON C. PENNINGTON, A. B.,  
Chief Disciplinarian.

ALEXANDER G. MILLER,  
Superintendent of Grounds and Buildings.

SOLOMON H. HINCKLEY,  
Chief Engineer and Superintendent of Power Plant.

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STEWART J. LLOYD, Ph. D.,  
Assistant Geologists.

ROBERT S. HODGES,  
Chemist.

HERBERT H. SMITH,  
Curator of Museum.

ROLAND M. HARPER, Ph. D.,  
Botanist.

CHARLES A. ABELE,  
Assistant, Statistics.



## STANDING COMMITTEES

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COMMITTEE ON ADMISSION—Professors Barnwell, Doster, Thomas.

COMMITTEES ON INSTRUCTION:

*For College of Arts and Sciences*—Professors Barnwell, Graham, Saffold.

*For College of Engineering*—Professors Davis, Wittig, Gallalee.

*For School of Law*—Professors Farrah, Dickinson, Ward.

*For School of Education*—Professors Doster, Cooper, Thomas.

*For School of Medicine*—Professors Mohr, Jackson, Gaines, Phillips, Thayer.

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COMMITTEE ON ATHLETICS—Professors Smith, Graves, Sayre, Stickney.

COMMITTEE ON STUDENT PUBLICATIONS—Professors Sayre, Foster, Losey.

COMMITTEE ON UNIVERSITY PUBLICATIONS—Professors Saffold, Barnwell, Davis, Doster, Farrah, McCorvey, Phillips.

COMMITTEE ON STUDENT ORGANIZATIONS—Professors Bidgood, Prouty, Burke.

COMMITTEE ON AFFILIATED SCHOOLS—Professors Doster, Thomas, Lloyd.

COMMITTEE ON RECOMMENDATION OF TEACHERS—Professors Doster, Barnwell, Thomas.

COMMITTEE ON GRADUATE STUDY—Professors Losey, Bidgood, Doster, Lloyd.



# The University

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## HISTORICAL STATEMENT

The University of Alabama is an institution maintained by the state of Alabama for the collegiate and professional education of its youth. It was called into existence by the generosity of the congress of the United States, and fostered by the founders of the state.

The constitutional convention which met at Huntsville, Alabama Territory, on July 5, 1819, adopted the following article:

Schools and the means of education shall forever be encouraged in this state. \*\*\* The general assembly shall take like measures for the improvement of such lands as have been or may be hereafter granted by the United States to this state for the support of a seminary of learning, and the moneys which may be raised from such lands by rent, lease, or sale, or from any other quarter, for the purpose aforesaid, shall be and remain a fund for the exclusive support of a state university, for the promotion of the arts, literature, and the sciences; and it shall be the duty of the general assembly, as early as may be, to provide effectual means for the improvement and permanent security of the funds and endowments of such institutions.

In 1819, the congress of the United States donated seventy-two sections, or 46,080 acres of land within the state for the endowment of a seminary of learning. At the second session of the general assembly, an act was passed, December 18, 1820, establishing a seminary of learning "to be denominated the University of Alabama."

At the third session of the general assembly, on December 13, 1821, an act was passed providing that "his excellency the governor, *ex-officio*, together with twelve trustees, two from each judicial circuit, to be elected by joint ballot of both houses of the general as-



sembly, to continue in office for the term of three years," should constitute a body politic and corporate in deed and in law, by the name of "The Trustees of the University of Alabama," and that the governor should be *ex-officio* president of the board. The first meeting of the board of trustees was held at the town of Tuscaloosa on April 6, 1822. On December 29, 1827, the general assembly, by joint ballot of both houses, selected Tuscaloosa as the seat of the University. The site whereon to erect the buildings, one mile and a quarter east of the court house in Tuscaloosa, was selected by the trustees on March 22, 1828.

The Reverend Alva Woods, D. D., was publicly inaugurated as president of the University on April 12, 1831. Six days later the University was opened for the admission of students, fifty-two students matriculating the first day.

On April 4, 1865, a body of federal cavalry, who had been dispatched for the purpose, set fire to and completely destroyed all the public buildings of the University, except the astronomical observatory. The erection of new buildings was begun in January, 1867, and collegiate instruction was resumed in April, 1869.

Through the efforts of the Honorable John T. Morgan, United States senator for Alabama, a second donation of public lands within the state, to the extent of seventy-two sections, or 46,080 acres, was made to the University by the congress of the United States by the act of February 25, 1884, in restitution of the loss in buildings, library, and scientific apparatus incurred in 1865.

On March 6, 1907, the legislature of Alabama increased the material equipment of the University by voting the sum of four hundred thousand dollars to be used as a fund for the erection of new buildings during the years 1907-1910, and increased the annual maintenance fund by twenty-five thousand dollars.

Under action of the legislature on the same date, the Medical College of Alabama, established in 1859 and

located in Mobile, became an organic department of the University and passed under the control of the board of trustees. To this department the legislature appropriated forty-five thousand dollars for new buildings and equipment, and five thousand dollars annually for maintenance.

To provide for the better equipment and support of the University of Alabama, and to appropriate funds therefor, the following act of the Legislature of Alabama was approved April 12, 1911.

Section 1. That in addition to the amount now annually appropriated by law, the sum of fifty-thousand (\$50,000.00) dollars is hereby appropriated annually and permanently for the maintenance of the University of Alabama; provided, that of the foregoing appropriation the sum of twenty-five thousand (\$25,000.00) dollars shall be devoted annually to the maintenance of the school of medicine of the said university.

Sec. 2. That, for the quadrennial period beginning on the first day of January, 1911, the sum of twenty-five thousand (\$25,000.00) dollars is hereby appropriated annually for the purpose of making needed improvements in the material equipment of said university, including the erection and furnishing of new buildings and the repair and furnishing of existing buildings.

Sec. 3. That the moneys herein appropriated shall be paid by the state treasurer to the treasurer of the University of Alabama in equal quarterly installments, on the first days of January, April, July, and October, upon warrant which shall be drawn by the state auditor as warrants are drawn for other appropriations to the said University.

Sec. 4. That the board of trustees of the University of Alabama shall embody in the report required by law to be made to the legislature, a statement showing the manner in which, and for what purpose the funds herein appropriated have been expended.

Sec. 4½. That the sums hereby appropriated shall be payable on the approval of the governor, in whole or

in part, from time to time, as in his opinion the condition of the treasury may warrant.

With the exception of the interruption of its activity from 1865 to 1869, the University has annually carried on its special work since its organization. More than nine thousand students have attended its sessions, and about three thousand graduates have been sent from its halls. The history of the University is nearly coeval with, and forms an important part of, the history of the state. Its alumnal body has given some of the most distinguished statesmen, jurists, diplomats, legislators, scientists, and educators to the service of the state and of the nation.

### ORGANIZATION

The University of Alabama is a part of the public school system maintained by the state of Alabama. A closer organic connection between the work of the University and of the public schools may be expected to characterize the development of the educational system of the state.

The control of the University is entrusted to a board of trustees, consisting of the governor of the state and the state superintendent of education *ex-officio*, and one member from each of the nine congressional districts, excepting the district in which the University is located, which has two members. The board of trustees is a self-perpetuating body, election to membership being subject to confirmation by the senate. The entire state is thus represented in its management.

The University is administered through the following organizations:

1. The College of Arts and Sciences.
2. The School of Education.
3. The College of Engineering.
4. The School of Law.
5. The School of Medicine (at Mobile).
6. The Summer School for Teachers.



## GROUNDS AND BUILDINGS

The University grounds, adjacent to the city of Tuscaloosa, comprise nearly three hundred acres, extending northward from University avenue one mile to the Black Warrior river. Near the middle of this tract is the campus proper, consisting of about forty acres. Set well to the rear is the University quadrangle, consisting of four buildings. Besides the four buildings on this quadrangle, there are five other college buildings on the grounds. On the front and two sides of the campus are the twelve houses of the faculty, the president's mansion being direct in front of Clark Hall, across University avenue.

WOODS HALL, which forms the rear line of the University quadrangle, is a building of four stories. The first floor contains the dining hall of the University, the University post-office, and the supply store. The second, third, and fourth stories are appropriated mainly to students' apartments.

MANLY HALL, which forms the west side of the quadrangle, is a building of three stories. The first story contains the offices of the president, the dean, the treasurer, and the bursar-registrar. The second and third stories are appropriated to students' apartments.

CLARK HALL, the central building on the south side, which is the front of the quadrangle, is appropriated to general academic uses. The first story contains the library and reading room.

GARLAND HALL on the east is the counterpart of Manly Hall on the west, and completes the University quadrangle. It is used exclusively as a students' dormitory.

SMITH HALL on the eastern side of the campus is the University museum, and provides for the storage and exhibition of the geological and natural history collections. It also contains the lecture rooms and labora-

tories of the geological and biological departments of the University, and the offices, library, and chemical laboratory of the geological survey.

COMER HALL, the new engineering building, occupies the northwestern corner of the campus. It contains the departments of engineering, with their laboratories, the department of physics, and the University power plant.

MORGAN HALL, the new academic building, is situated on the western side of the campus, directly opposite Smith Hall. It contains the lecture rooms and offices of most of the departments of the college of arts and sciences, the lecture rooms and library of the school of law, and an auditorium with a seating capacity of about 1,000.

TUOMEY HALL, situated on the eastern side of the campus, is occupied exclusively by the chemical laboratories and lecture rooms.

BARNARD HALL, directly opposite Tuomey Hall contains the University gymnasium and the rooms of the Young Men's Christian Association.

THE ASTRONOMICAL OBSERVATORY is on a neighboring elevation outside the campus. It also furnishes quarters for the University Club.

The school of medicine is located in the city of Mobile. For a description of its buildings see page 156.

# Material Equipment

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## LIBRARIES

### UNIVERSITY LIBRARY

This library contains 20,000 bound volumes, and a large number of useful and valuable pamphlets. The books are classified according to the Dewey decimal system.

The library is open every day, except Sundays and holidays, from 8 a. m. to 1 p. m., from 2 to 5, and from 7 to 9 p. m. All students are allowed to draw books, and are aided in consulting the library by the librarians and the members of the faculty.

The reading room is supplied with the leading newspapers and magazines. The reading room hours are the same as the University library hours.

### DOCUMENT ROOM

The University has been designated as a depository of the publications of the federal government. Such publications have been withdrawn from the general library and placed in a separate room provided for the purpose. They are arranged and numbered according to the government check-list, and are, therefore, accessible for consultation and reference. The document room now contains about 8,000 volumes, 3,500 pamphlets, and many valuable maps, including nearly a complete set of the publications issued since the close of the War between the States.

### LAW LIBRARY

A law library is provided in the lecture rooms of the school of law, and is kept open during the entire day for the use of law students. The foundation of this library was laid by withdrawing from the general library such books of law and law literature as were appropriate to



it, and by a donation by the state legislature, from year to year, of elementary works and state reports.

#### ENGINEERING LIBRARY

An engineering library is housed in Comer Hall. It contains files of most of the engineering periodicals and many reference works and society publications. During the past year a set of the Transactions of the American Society of Civil Engineers and of the Society for the promotion of Engineering Education were presented to the library.

#### MUSEUM LIBRARY

The library attached to the Museum of Natural History contains over 6,000 volumes and a very large number of pamphlets relating to geology and kindred subjects, forming easily the most important gathering of its kind in the southern states. Nearly two-thirds of these were the gift of Dr. E. A. Smith. Through the munificence of Mr. T. H. Aldrich the collection has recently been enriched by about 1,500 volumes on conchology and other branches. Many of the important scientific journals are regularly received and kept on file. The Museum library is open to those interested in science, but the books cannot be taken from the building.

#### DEPARTMENT LIBRARIES

In addition to the general collections above referred to, several departments in the college of arts and sciences are supplied with reference books, periodicals, and charts relating to their work. It is the purpose of the trustees to add to these libraries as rapidly as the means at their disposal will permit.

#### DONATIONS TO THE UNIVERSITY LIBRARY

The University will be grateful for gifts to the library, especially of works on the history and literature of Alabama. The Library Gift Book, in which donations are recorded, shows a considerable number of gifts received during the past year.

## LABORATORIES AND SCIENTIFIC COLLECTIONS

The University of Alabama recognizes the growing importance of a knowledge of the physical and natural sciences in a modern liberal education, and also endeavors to offer opportunities to students who so desire to shape their academic training in the junior and senior years in the direction of their later professional and technical pursuits. It has, therefore, established laboratories and gathered collections in connection with the several departments of science, giving the student an available equipment for a thorough acquisition of those principles and facts of science which form the chief part of all modern professional and technical education.

## THE CHEMICAL LABORATORY

Tuomey Hall, the chemical laboratory, is a brick building of two stories, 40 by 70 feet, with a one-story part 30 by 70 feet. It is thoroughly equipped with the apparatus, chemicals, etc., necessary to give the courses offered.

The one-story portion serves as a laboratory for first year students in general chemistry, and is equipped with desks for 80 students. The lower floor of the two-story part contains a laboratory for second year students, a laboratory for quantitative analysis, an assay room, a balance room, and a general stock room. On the second floor are a large and well appointed lecture room, a preparation room and laboratory for advanced work, a library, and a dark room for photographic and spectroscopic work.

## PHYSICS LABORATORY

The department of physics occupies the lower and a portion of the upper floor of the south end of Comer Hall. It possesses an equipment for demonstration purposes and for individual use by students which represents the accumulation of many years, and to which additions are constantly being made to meet modern conditions. The larger pieces include projector lanterns,

air-pumps, a twelve-inch spark coil, wireless telegraph apparatus, X-ray tubes, a dividing engine, and precision instruments of various types. Recent acquisitions are an analytical balance of excellent quality for fine weighing, a potentiometer, and a portable photometer. In addition there is an excellent collection of smaller apparatus of high grade, and a full equipment of the simpler forms used by students in the first course.

The laboratories are of liberal area. They are supplied with gas and running water, and wired for electric light and power. The one on the first floor, for advanced students, contains a concrete galvanometer pier, carried up from the ground for delicate work requiring special freedom from vibration. Adjacent are dark rooms for photometry, photography, and optics, a shop for the construction and repair of apparatus, smaller rooms for special work, an apparatus room, and the departmental offices and library.

Across the corridor is the large lecture room of the department, with a seating capacity of 250, and on the floor above are recitation rooms and the laboratory for first-year classes, with tables and apparatus sufficient for fifty students working at the same time.

#### THE ASTRONOMICAL OBSERVATORY

The astronomical observatory is on a neighboring elevation near the edge of the campus. It is provided with an equatorial telescope of eight-inch aperture and twelve-foot focal length; also with a fine transit circle, of four-inch aperture and five-foot focal length, three portable telescopes, a sextant, an astronomical clock, and a chronograph.

#### OFFICIAL STATE TESTING LABORATORIES

The Alabama legislature has designated the testing laboratories of the college of engineering, in connection with the geological and chemical laboratories, as the official state testing laboratories for cements and all



other materials of construction. The equipment of these laboratories is not excelled by that of any southern institution.

Many tests have already been made for engineers and corporations and it is hoped that still greater public service may be rendered by the laboratories in the future. Tests of road, structural and other materials, water for domestic and manufacturing use, road and lubricating oils, hydraulic and other machinery may be arranged for by correspondence with the director of the laboratory concerned.

For further details concerning the chemical and geological survey laboratories, see pages 21 and 29.

#### ENGINEERING LABORATORIES

The engineering laboratories, with the exception of the hydraulic laboratory, are located in Comer Hall, the new engineering building. For description of these laboratories and equipment, including hydraulic laboratory, see college of engineering, pages 104 and 108.

#### THE LABORATORIES OF BIOLOGY, MINERALOGY AND GEOLOGY

These laboratories, together with the natural history collections, and the offices and chemical laboratory of the geological survey of the state, are located in Smith Hall, the new museum building.

This building, of Ionic style of architecture, consists of a main or central part of three stories and basement, and two wings of two stories and basement. The materials of construction are light-colored pressed brick, with columns, cornices, and other courses of Bedford limestone. In architecture and construction this is one of the most beautiful buildings in the South, and in plan and dimensions it is one of the best designed for the purposes of a museum of natural history.

The first floor of the north wing and the second floor except two rooms, are occupied by the department of biology. The space is suitably divided to provide labora-

tories and lecture rooms for general biology, physiology, comparative anatomy, histology and embryology.

The south wing, with three basement rooms, contains the lecture room and laboratory of the department of geology, and the offices, chemical laboratory, and storage rooms of the state geological survey.

The main or central portion of the building is the Museum of Geology and Natural History, described below under the caption "Museum."

#### BIOLOGY

This laboratory, located in the north wing and basement of Smith Hall, is supplied with an adequate number of compound and simple microscopes of the best quality, paraffin ovens, incubators, microtomes, a full line of glassware, chemicals, and other accessories to microscopic work.

The lecture room is provided with an excellent stereopticon and micro-projection lantern. In a word, the department is well equipped for advanced work in the field of animal and plant histology and embryology, and additional equipment is being installed for advanced courses in physiology. The collections of the museum as well as the library in the same building are available to special students in biology.

#### GEOLOGY AND MINERALOGY

These laboratories are in the central part (first floor) of Smith Hall. In addition to the museum collections in geology and the museum library elsewhere mentioned, all of which are at the service of the students, the equipment embraces.

1. Laboratories for blowpipe work in mineralogy and for general geological work. These have extensive collections of crystal models, natural crystals, minerals, ores, rocks and fossils as working material for the various classes.

2. Equipment for the projection of lantern slides, rock sections and opaque bodies, together with collections of slides, photographs, charts, maps and models for illustrating the various courses.

### ALABAMA MUSEUM OF NATURAL HISTORY

By law, the collections of the Alabama Geological Survey, except certain duplicates, are given to the University; very large additions have been made by donations, exchanges and the work of the museum itself. Hence, the University museum is now the largest and most important in the southern states and its influence is constantly increasing.

It occupies the entire central or main part of Smith Hall, together with portions of the wings. The entrance hall, on the first floor, is used for the display of very large specimens, such as iron ores, coal, fossil trees, etc.; a relief map of the southern Appalachian region is hung on the wall. On the floor above is the main exhibition hall, unsurpassed in the South; glass cases between the windows, along the walls and ranged in the middle are filled with specimens of special interest or educational value, illustrating geology, palæontology, zoology and archæology. The gallery above, supported by columns and reached by a stairway, is 13 feet wide, forming a third floor; exhibition cases are ranged against the wall and here, also, are stored the Aldrich collection of shells and the Mohr Herbarium.

The general collections of the museum are so large that only a few of the more important can be mentioned; they are stored in drawers under the cases, in the museum laboratories and the basement. They include:—

#### GEOLOGY

1. The collections of the Geological Survey, accumulated mainly since 1873. Exclusive of duplicates there are, at least, 100,000 specimens of fossils, many thousand samples of rocks, ores, minerals, etc. With

these have been incorporated the remains of the old Tuomey collection (largely lost during the years following the Civil War), the Schowalter and Mohr collections of fossils, many donations and specimens received in exchange; additions are coming in almost every day.

The work of arranging, labeling and cataloging is going on constantly and great progress has been made, especially during the past four years.

2. The collection of Tertiary fossils given by Mr. T. H. Aldrich. For many years Mr. Aldrich has taken an active interest in this branch of the museum, making large donations to it as well as identifying species collected by the Survey. His gift of nearly 200,000 specimens, in 1912, placed the museum in the first rank, so far as this group is concerned; and in September, 1913, he gave at least as many more. Only two or three of the great northern museums have so full and fine a set.

3. The Lommel collection of 1000 specimens of European rocks and fossils.

4. The Schowalter collection of minerals, with large additions from other sources.

5. An educational series of rocks given by the U. S. Geological Survey and a large collection from the Lake Superior region received from the same source.

6. A large series of Tertiary vertebrate fossils from the phosphate beds of South Carolina, and a fine collection of sulphur formations from Sicily, both given by Mrs. David Roberts.

#### ZOOLOGY

1. The Aldrich collection of recent shells. This magnificent series, the gift of Mr. T. H. Aldrich, includes about 20,000 species, represented by not less than 100,000 specimens from all parts of the world.

Mr. Aldrich had already given his entire set of duplicate shells, at least 200,000 specimens, of 5,000 species. These include many rare forms represented by fine specimens and they will be of great value for exchanges.



2. The Schowalter collection of land and fresh water shells, over 100,000 specimens, principally from Alabama. Large additions to these have recently been made by the Curator.

3. The Avery collection of Alabama birds, about 900 specimens.

4. Collections of reptiles and batrachia, principally brought together by the Curator, at least 500 specimens.

5. A collection of fishes of Mobile Bay, made by the late Dr. Charles Mohr.

6. Collections of insects and other arthropods, probably 5,000 specimens.

7. Collections of marine invertebrates (Corals, Echinoderms, etc.) from various sources.

#### BOTANY

1. The state herbarium, embracing specimens of every species of flowering plant and fern known to be indigenous to or naturalized in Alabama, about 2500 species. These were brought together by Dr. E. A. Smith and the late Dr. Charles Mohr, who presented their collections to the Geological Survey in 1873. Subsequently many additions were made by Dr. Mohr, who also gave his collection of the Cryptogams of Alabama, about 2500 species.

2. A forestry collection, including 125 species of trees, illustrated by mounted specimens of the leaves, flowers and fruits and specimens of the woods cut in book form; also, a series of manuscript maps of the state showing the distribution of the most important timber trees. These collections were made for the Geological Survey by Dr. Chas. Mohr, in connection with his report on the plant life of Alabama.

3. The Peters collection of cryptogamic plants, donated by Judge T. M. Peters. Besides his own large gatherings of Alabama species it includes Fascicles 1-5 of Ravenel's *Fungi Caroliniani exsiccati*, 500 species, and

Fascicles 1-5 of Tuckerman's *Lichenes Amer. Septr.* 150 species. All these are mounted in bound volumes.

4. A collection of ferns from Colombia, South America, about 150 species, given by Herbert H. Smith.

#### ARCHEOLOGY

A large series of stone implements and weapons, pottery, burial-pots and covers, etc., from various Alabama localities. Most of these were donated by Dr. E. A. Smith, Dr. Wyman, Mr. E. N. C. Snow and others.

It is proposed to arrange one or two special cases in which the specimens will illustrate class lectures in the same building; they will be changed from day to day to correspond with the various subjects. Such exhibits cannot fail to have great educational value, and the plan will be carried out as soon as possible.

Students are specially invited to the museum and the director and curator do everything in their power to awaken and foster a love of nature study. The results have been evident and gratifying. The museum also seeks to extend its educational influence through all parts of the state. Its work for the Alabama schools is well known and it is hoped that this can be supplemented by periodical visits, illustrated lectures, etc. Many teachers and pupils correspond regularly with the curator and some of them are already enthusiastic naturalists.

For equipment in the school of medicine, see page 158.

#### GEOLOGICAL SURVEY OF THE STATE

The present survey has been in progress since 1873, under the direction of Dr. Eugene A. Smith. The office and chemical laboratory of the survey are at the University, and the collections made by the state geologist are by law deposited in the University museum.

The field work of the survey is carried on during the summer and autumn months by the state geologist and assistants.

All specimens sent to the state geologist for examination will be carefully tested as to quality and value in the survey laboratory, and reported on without charge.

Thirty-seven reports have been published by the survey since 1873. These reports, so far as they are now available, except that on the Warrior basin, which is sold for \$1, will be sent to any one desiring them on receipt of the stamps necessary for the postage, and a descriptive list will be sent on application to the state geologist.

#### GEOLOGICAL SURVEY LABORATORY.

This laboratory occupies four rooms in the south wing of Smith Hall and has just been fitted up with dark room, tables, hoods, and other furniture adapted for its purposes. Advanced students of the geological department have access to this laboratory and may avail themselves of the facilities for special work which it affords.

## General Information

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### THE SOCIETY OF THE ALUMNI

Tuesday of commencement week has been designated as Alumni Day. The annual meeting is held at 10 a. m. The anniversary oration is delivered at 11 a. m.

#### OFFICERS OF THE SOCIETY.

D. H. Edington.....	President
J. R. Bell.....	First Vice-President
W. F. Thetford.....	Second Vice-President
F. G. Stickney.....	Secretary
W. F. Fitts.....	Treasurer
S. F. Clabaugh.....	Registrar

Orator for 1913—Hon. James Weatherly.

*The Educational Fund.*—The society, at its meeting in June, 1885, resolved to establish "The Educational Fund," for the assistance of meritorious students in narrow circumstances, who are seeking the benefits of a thorough education at the University. It is the purpose of the society to lend the fund to students of either the college of arts and sciences or the college of engineering, who may need pecuniary assistance during their residence at the University. A considerable amount has already been contributed to this fund. The management of the fund is confided to a board of trust, appointed annually by the society. The board of trust for the present year is composed of W. F. Fitts, W. S. Wyman, and George H. Denny. Former students of the University and all other friends of education are respectfully invited to contribute to this fund.

The committee to lend the educational fund are President George H. Denny and W. F. Fitts, treasurer of the fund.



## PUBLICATIONS

## THE CRIMSON-WHITE.

The Crimson-White is a weekly paper published by the students of the University. An editor-in-chief, eight associate editors, and a business manager are appointed by the faculty each year from the student body. The editor-in-chief is held responsible for all that appears in its columns. The Crimson-White publishes all the University news, and is of great interest to the students and alumni. The subscription price for one session is \$2.00.

## THE COROLLA.

The Corolla is an annual publication issued by the students of the University. It is a handsomely bound, finely illustrated book of about two hundred and seventy pages. The students, the members of the faculty, and the alumni of the University are contributors to the Corolla. The first publication of the Corolla was in June, 1893, and Volume XXIII will be published in May of the present session. It is a highly creditable annual, and its publication should be encouraged by the alumni and friends of the University. The subscription price is \$2.75.

## THE AURORA.

The Alabama Aurora is a new annual publication issued by the students of the University. It consists of a calendar containing scenes of the University and pictures of the leading student organizations. The first issue appeared in February of the present session. An editor-in-chief, a business manager, and six associates are appointed each year by the president of the University. The subscription price is \$1.00.

## LITERARY SOCIETIES

The Philomathic Literary Society has a commodious and well furnished room, set apart for its use, on the second floor of Barnard Hall. It is the oldest literary society at the University. At its regular meetings, held

once a week, there are debates, discussions, and literary exercises, which afford excellent opportunity for cultivating proficiency in debate, public speaking, and for the study of questions of the day. This society strives to enroll, each year, students who are interested in literary work.

The Shackelford Literary Club, organized in 1912, aims to develop in its members an interest in the discussion of a wide range of topics, to encourage extensive reading and to afford practice in public speaking. Its meetings are held weekly.

Each of these societies may hold an annual celebration, at which an oration is delivered, and some question of history, or literature, or of social and economic reform, is discussed; or, in lieu of two celebrations, a joint celebration may be held.

#### PHI BETA KAPPA SOCIETY

Phi Beta Kappa is an honorary society of national scope, dignified with the prestige of an existence as old as the Republic itself, throughout which period it has stood for the highest standard of scholarship. The names of some of the nation's most eminent men have graced its rolls.

Admission to the society is based solely on scholarship and character; it is open to a limited number of students in the upper classes of colleges and universities of recognized high standing, in which the establishment of chapters has been authorized by the National Council.

At the meeting of the Council in the summer of 1913 final action was taken to re-establish, at the University, the Alpha Chapter of Alabama. The original charter of this chapter dates back to the year 1851, but for over half a century there had been no organization and the charter had lapsed. With the aid of three surviving

members of the original chapter, and the co-operation of members of the faculty from other chapters, a re-organization was effected, and henceforth students at the University of Alabama will be eligible for admission to the local chapter.

#### DEBATING

The debating interests of the University are under the control of the University Debating Council, a body elected by the students and comprising three members of the faculty, three students from the college of arts and sciences, and three students from the school of law. The debating council has established the Forum, to which all students are admitted and which aims to encourage frequent public debates on questions of live interest. Debating relations have recently been established by the Council between Alabama and Vanderbilt University, and also between Alabama and the University of the South.

For the Student Medical Society, see page 171.

#### LECTURE COURSE

The trustees of the University make provision for a course of lectures, to supplement the work of the several departments. These lectures are open to all officers and students of the University.

## EXTENSION LECTURES

ADJUNCT PROFESSOR D. ALTER:

Visiting Space and the Stars. (Illustrated)  
Unfamiliar Physical Phenomena. (Illustrated)

DEAN C. H. BARNWELL:

Tennyson.

PROFESSOR LEE BIDGOOD:

The Evolving Social Ideal.

PROFESSOR M. C. BURKE:

The Attic Drama.

PROFESSOR R. F. COOPER:

The Relation of the School to Community Life.

PROFESSOR G. J. DAVIS:

The Ideal City. (Illustrated)  
Sewerage. (Illustrated)  
Water Works. (Illustrated)  
Paving. (Illustrated)

PRESIDENT GEORGE H. DENNY:

Academic Commercialism.  
A Plea for the Classics.  
Some Duties of the Educated Man.  
Some Public School Problems.  
General Lee as a College President.  
Memorial Day Address.

PROFESSOR J. J. DOSTER:

An Ideal School System.  
Early Educational History of Alabama.  
Sources for Alabama School Revenues.

PROFESSOR E. H. FOSTER:

Hamlet, Once More.  
The Land and the Legend of Tell.

PROFESSOR J. M. GALLALEE:

The Heating and Ventilating of Residences.

PROFESSOR JOHN Y. GRAHAM:

Public Health. (Illustrated)

PROFESSOR S. C. HOUSER:

Good Roads.



PROFESSOR H. B. LITCHMAN:

Mining Investments and their Abuse.  
From Coal and Iron to Steel.  
The Mining and Preparation of Coal.

PROFESSOR S. J. LLOYD:

Radium and its Significance. (Illustrated)

PROFESSOR F. D. LOSEY:

The Growth of Social Ideals.

PROFESSOR J. P. MONTGOMERY:

The Yellowstone National Park. (Illustrated)  
Community Enforcement of Pure Food Legislation.

PROFESSOR T. C. MCCORVEY:

The War Poetry of the South.  
Thomas Jefferson and his Political Philosophy.  
The Invisible Empire.  
The Study of History in School and College.  
Raphael Semmes and the Confederate Navy.

PROFESSOR W. F. PROUTY:

Some of Alabama's Most Important Mineral Resources.  
Atmosphere: Its Movement and Work.  
A Brief Story of our Earth. (Illustrated)

PROFESSOR W. B. SAFFOLD:

Pompeii. (Illustrated)  
Rome, Past and Present. (Illustrated)

PROFESSOR H. A. SAYRE:

Famous Problems in Elementary Geometry.  
Mathematical Instruction in France.

PROFESSOR F. G. STICKNEY:

Edgar A. Poe. His Life and His Work.

PROFESSOR J. S. THOMAS:

Education for Efficient Living.  
Vocational Training in High Schools.  
Consolidation of Rural Schools. (Illustrated)

PROFESSOR G. WITTIG:

Electric Lighting. (Illustrated)  
The Story of the Dynamo. (Illustrated)

## CLUBS

## GLEE CLUB

For several years a glee club organization has been successfully maintained at the University. It is in charge of Mr. Tom Garner. The club provides for its members training in vocal music, and at the same time, by means of its concerts throughout the state, is developing a healthy college spirit among students and alumni.

The privilege of traveling with the glee club is subject to the same regulations as the privilege of membership on athletic teams.

## DRAMATIC CLUB

The dramatic club of the University of Alabama, known as The Blackfriars, and named after the famous Elizabethan playhouse, was organized during the session of 1907-08. Since the club's organization, it has produced Shakespeare's "Taming of the Shrew," "Macbeth," "Twelfth Night," and George Bernard Shaw's "Candida" and "You Never Can Tell." The selection of the club for this year was Goldsmith's "She Stoops to Conquer." All of the above plays were given in leading cities of the state. Meetings are held monthly. The privilege of traveling with the club is subject to the same regulations as the privilege of membership on athletic teams.

## THE EDUCATION CLUB

The education club, organized two years ago under the auspices of the school of education, holds bi-weekly meetings. The programs consist of discussions of live educational problems, together with addresses by prominent educators invited by the club. At the close of each meeting refreshments are served while the members mingle freely in a social way. The purposes of the club are (1) to get better acquainted with the educational conditions and needs of the state, (2) to discuss plans by which these conditions may be improved, and (3) to develop a feeling of fellowship and mutual helpfulness among those who intend to teach.

## ENGINEERS' CLUB

The engineers' club is a thriving organization, whose aim is to promote the interests of the students of the college of engineering. Further reference to this club is made on page 110.

## UNIVERSITY ASSEMBLY

A general assembly, subject to the call of the president, is held from time to time throughout the session in the auditorium of Morgan Hall. All students of the University are required to attend. The exercises consist of addresses by members of the faculty, members of the student body, or especially invited guests.

## TEACHERS' REGISTER

In connection with the courses in education, a teachers' register has been opened. Any student or graduate of the University who wishes to secure a position as a teacher may register and receive gratis the benefit of the assistance of the school of education in securing a position. Registration should be made with Professor Doster or in the office of the president of the University.

It is the conviction of the committee on recommendation of teachers that all students who are preparing to teach should satisfactorily complete certain prescribed courses in the school of education (see school of education, page 94). However, students who have not taken any of these prescribed courses in education may be recommended as to character, personality, and academic attainments, but in all such cases statements will be made to the effect that they have made no professional preparation for the work of teaching.

## RELIGIOUS INSTRUCTION

Religious exercises are held daily in the Y. M. C. A. hall. All students are invited to be present.

All students are expected to attend some church in Tuscaloosa on Sunday morning. A large majority of the

students are regular attendants at some Sunday school in the city. At the beginning of the session each city pastor is furnished with a list of those who express preference for his church. These pastors have every facility and encouragement in looking after the young men and young women who belong to their congregations.

#### THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Weekly prayer meetings and other religious exercises are held by the Young Men's Christian Association of the University, which all students are invited to attend. This association exercises a very beneficial influence upon the moral and religious character of the students, and receives hearty encouragement from the authorities. A large room in Barnard Hall has been set aside and attractively furnished for the exclusive use of the association. The association is maintaining two courses of Bible study, and two courses devoted to the problems connected with home and foreign missions.

#### THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION

It is the purpose of the Young Women's Christian Association to deepen the spiritual life of every individual girl in college, to give them pleasure, inspiration, and a breadth of view which the fellowship of such an organization affords. To this end religious meetings are held once a week in the parlor of one of the annexes, courses in Bible study and mission study are offered, and local missionary work is carried on by some of the girls. The foreign missionary spirit is furthered in both associations by the Student Volunteer Band.

To increase the efficiency of the local association and to keep it in touch with the national work, it is visited each year by both local and national secretaries, and delegates are sent to the various conferences held under the auspices of the association.



## YOUNG WOMEN

Young women are admitted to all the privileges of the University. To provide for those coming from a distance, a modern dormitory is in process of erection, and will be ready for occupancy prior to September, 1914. This dormitory will provide for 50 young women. In addition, three of the University residences, formerly occupied by professors, are used as dormitories for women. These residences are known collectively as the Julia S. Tutwiler Annex, in honor of a woman who takes a deep interest in the admission of young women to the University.

Before a room is reserved at the annex a deposit of \$4.00 must be made by each applicant. The applicant will be credited by this amount on the first term dues.

Rooms for study during the day are provided at the University.

## RULES AND REGULATIONS OF THE ANNEX

1. Meals will be served only during the regular meal hours.
2. Riding or walking with young men, except to or from church exercises on Sunday and to or from University exercises, is forbidden, unless special permission has been granted by the dean of women.
3. Boat-riding and canoeing on the river are forbidden.
4. Callers may not be received except in the annex parlors, or halls and only on Friday nights, Sunday afternoons, and Sunday nights.
5. Young ladies who have callers at night are required to go to their rooms immediately after the signal is given.
6. Permission to attend the theatre, moving picture shows, dances, receptions, or any other form of entertainment, must be secured from the dean of women in advance. Such permissions are restricted to Friday nights.
7. The Y. W. C. A. meetings must be held in the parlor of the old annex.
8. Young ladies are not allowed to dine at hotels, boarding houses or restaurants without a chaperone approved by the dean of women, and permission secured in advance.
9. Young ladies not living in the annex will not be allowed to take meals or to spend the night at the annex.

10. Young ladies shall not be absent at night from the building in which they live without special permission from the dean of women, secured in advance. Any violation of this rule, for whatever purpose, will be reported by the matron and the penalty will be immediate dismissal from the University.

11. Exceptions to the foregoing regulations will be made only for unusual occasions or emergencies, and with the approval of the dean of women, secured in advance.

All women students who are boarding in private families are required to observe the foregoing rules and regulations.

### RESERVATION OF ROOMS

Before a place in any of the dormitories or annexes is reserved, a deposit of \$4 must be made by each applicant. The applicant will be credited by this amount on the first term dues. Reservations are made in order of application, beginning March 20. Present occupants of rooms may reserve the places they occupy on May 18 and 19.

### CHANGE OF ROOMS

Students who wish to move from some other lodging place into a dormitory room, or from one dormitory room into another, must in every case secure written permission from the bursar-registrar. A fine of three dollars is imposed upon any student who fails to comply with this regulation.

### THE PHYSICIAN

An experienced physician, Dr. Mayfield, is engaged at the University to look after the health of the students and the sanitation of the premises. He visits the University at least once each day. There is no additional charge for medical attendance, no matter how long a student may be ill.

### THE HOSPITAL

Students who become seriously ill are sent to the Tuscaloosa Infirmary. Here they receive the best care and attention.

## THE GYMNASIUM

The University gymnasium was established in 1889. It is in charge of Mr. Graves, professor of physical training, who examines each student at his entrance, takes his physical measurements, and prescribes such exercise as may be required for his complete and symmetrical bodily development.

All freshmen and sophomores in the college of arts and sciences are required to spend two hours a week in the gymnasium. Irregular and special students are ranked with the class in which they have the greatest number of studies. It is the purpose of the instructor to offer to each student such advice as will give increased health, strength, and bodily vigor. Special attention is given to those who fall below the normal in harmonious bodily development. A splendid athletic field adjoins the gymnasium, with ample ground for all outdoor sports, such as tennis, baseball, football, basketball, etc. A running track, one-third of a mile in length, surrounds the field.

## ATHLETICS

Athletics are encouraged for the reason that when properly regulated they tend to promote both the physical and the moral well-being of the students and to foster a wholesome college spirit. In order, however, to prevent the possibility of a student's devoting himself to athletics to the serious neglect of his college work, the faculty has adopted the following regulations:

1. Any student of the University who has satisfied the full entrance requirements to the freshman class, or who has had a year's residence at the University, during which time he has done satisfactory work according to Rule 2, shall be eligible to play on any athletic team representing the University.

2. No student who has failed or has been conditioned in more than 40% of his work, estimated in hours, on the preceding mid-year or final examination shall be eligible for any athletic team until he has removed such

excess of conditions or failures. Conditions may be removed either by taking the work over in class, or by examination at any one of the regular examination periods. Failure may be removed only by taking the work over in class.

3. Students who are eligible for any athletic team at the beginning of a season shall be eligible for such team during the entire season.

*Campus Tax.*—For the support of athletics a special tax of \$7.50, known as the campus tax, has been authorized by the board of trustees. This tax is payable at the office of the registrar in two equal installments (\$3.75 each), the first at the beginning of the session in September, and the second at the beginning of the third fiscal term in March. The payment of this tax entitles the student to free admission to all intercollegiate athletic contests which are played on the campus, and in which the University team is one of the contestants.

### THE UNIVERSITY SUPPLY STORE

Several years ago the University granted to the athletic association a concession authorizing it to operate on the campus, for the benefit of athletics, a general supply store and drayage line.

The experience of the few years during which this store has been in existence, has shown that it is of vital importance to athletics, and it should therefore have the support of the student body. The franchise of the store, which is in effect an exclusive license, in order to be of any value must be protected. It is therefore required that any one who desires to conduct, on the University campus, any form of mercantile activity, including the soliciting of orders for books, or any other business enterprise, such as drayage, etc., covered by the concession to the athletic association, shall first secure the permission of the president of the University.

The store is under the control of the faculty committee on athletics. Students and others interested are



invited to bring before this committee all complaints against the management, together with suggestions as to improving conditions and increasing the efficiency of the service.

### DIVISIONS OF THE YEAR

The college year begins on the Wednesday preceding the 15th of September and ends on the Wednesday preceding the 8th of June. It is divided into two equal parts, the first half-year extending to the latter part of January, and the second half-year to commencement.

The fiscal year is divided into three terms of twelve weeks each. The first term begins this session on Wednesday, September 9, and ends on Tuesday, December 1. The second term begins on Wednesday, December 2, and ends on Tuesday, March 9. The third term begins on Wednesday, March 10, and ends on Wednesday, June 2, commencement day. University fees are payable at the beginning of each term.

The foregoing paragraphs do not apply to the school of medicine at Mobile.

### CHRISTMAS VACATION

The Christmas vacation begins on Tuesday, December 22, at 1 o'clock p. m., and ends on Monday evening, January 4. During that period University exercises are suspended. The time covered by the vacation is not a part of the regular session of thirty-six weeks, and is not included in the estimate of expenses. Therefore, students who remain at the University during the vacation incur an additional living expense.

### REGISTRATION AFTER THE CHRISTMAS VACATION

On the first day after the Christmas vacation every student is required to register at the office of the registrar between the hours of 8 a. m. and 4 p. m. Any student who fails to register at this time will have his name dropped from the rolls of his classes until further orders

from the president or the dean. Such student may, however, be registered and restored to his position in his classes on payment of a special registration fee of \$3.00.

### DISCIPLINE

The discipline of the University is vested in the president and the faculty. Rules are few, simple, and reasonable. The honor system prevails, and so long as students do the work required and conduct themselves in a becoming manner, they are free to come and go at will. The end aimed at is self-government.

A student who wishes to be absent from the University at any time except during holidays must secure permission from either the president or the dean.

### FACULTY ADVISERS

Students are assigned in suitable number to the members of the faculty for special oversight. The adviser thus appointed is the professor to whom the student has special freedom of access for consultation, help, or guidance.

### EXAMINATIONS AND REPORTS

Final examinations, limited to three hours each, are held at the close of each half-year, the first in the latter part of January, the second in the latter part of May. In addition to these final examinations, hour examinations are held during the second week of October, immediately before the Christmas vacation, and during the last week of March. No other previously announced examinations are permitted in any course.

Each examination is conducted by the professor who is giving the course. At the close of each examination period, the registrar sends to parents or guardians reports showing the standing of students in the courses pursued.

Students who are absent from more than one-third of the total number of recitations are denied the privilege of final examination, and are required to take the course

over in class. Students taking work over in class are held responsible for all examinations, both mid-term and final.

### RECORDS AND GRADES

The final grades of each student are recorded and preserved. In determining these final grades, the grades received in daily recitations, written work, laboratory work, and hour examinations are combined with those received on final examinations.

Grades are indicated by letters, which have value, on a scale of 100, as follows: A, 90-100; B, 80-90; C, 70-80; D, 60-70; E, 50-60; F, 0-50; I, Incomplete.

The passing grade for freshmen and sophomores is D; for juniors and seniors, C; for graduates, B.

### CONDITIONS AND FAILURES

For juniors and seniors, D is a condition and E a failure. For freshmen and sophomores, E is a condition, and F a failure. Conditions may be removed by re-examination; failures may be removed only by taking the work over in class. The only times at which re-examination for the removal of conditions are given are the first ten days of the session, the periods of mid-year and final examinations, and the last Friday and Saturday in February. At the February re-examination no student is allowed to attempt the removal of more than two conditions. In no case is a student allowed more than one re-examination in any one study, failing in which he must take the work over another year in class. A condition made on the mid-year examination may, at the discretion of the instructor, be automatically removed by an A or B made on the final examination, provided the final examination covers in large measure the entire year's work in that course. Unless a condition is removed within one year after it has been recorded, the student, in order to receive credit for the course, must take it over in class.

A passing mark on the second half-year's work in any course changes a failure on the first half-year's work in that course to a condition, which condition may be removed by re-examination.

### RULES GOVERNING ABSENCE FROM CLASS

1. By vote of the faculty, the only excuses for absence from class which will be accepted are:

(a) Sickness.

(b) In especially urgent cases, written permission from the president or the dean.

2. The effect of unexcused absences is to lower the half-year grade, which is discounted in the ratio of the number of unexcused absences to the total number of class meetings scheduled. Thus, five unexcused absences from a class scheduled to meet fifty times during the half-year reduces a grade from 80 to 72, that is, ten per cent.

3. The University authorities insist on regularity in attendance on classes as a matter of discipline, apart from its effect on the student's grades. Any student who, after due warning, persists in absenting himself from class without valid excuse is required to leave the University.

### HONORS AND APPOINTMENTS

*Fellowships.*—Fellowships are awarded each year in the following departments or groups of departments: English, Latin, and Greek; modern languages, history, economics, and philosophy and education; mathematics, physics, and engineering; geology, chemistry and biology. These fellowships may be divided equally among the several groups, or more than one fellowship may be awarded in a single group, at the discretion of the president. The value of each fellowship is \$200.

Appointments to fellowships are made by the president, preference being given to graduates of the



University who stand highest in scholarship, deportment and general excellence. Each fellow is required to pursue advanced studies in the department in which he holds a fellowship. He is also expected to give whatever assistance in University work the president and faculty may require of him. The time devoted to this work will in no case exceed twelve hours a week.

*Honors.*—Special honors are conferred upon all students in regular courses who receive the highest grade (grade A) in each study pursued during the year. The names of these students are printed in the commencement program, and in the catalogue of the following year.

*Commencement Speakers.*—Of the candidates for college degrees not fewer than three, and not more than seven are selected to deliver orations during commencement week. In the selection of the speakers, regard is had for both class standing and proficiency in oratory.

*The Trustees Prize.*—For the best oration delivered by a member of the senior class during commencement week, the trustees award a prize of \$25 in money, or a medal, at the option of the winner.

*Junior Contest in Oratory.*—Near the close of the third term is held a contest in oratory, consisting of the delivery of original orations by the seven members of the junior class who have the highest standing in oratory.

*The Tennant Lomax Prize.*—The late Tennant Lomax made provision in his will for an annual prize in oratory, to be known as "The Tennant Lomax Prize for Oratory," in memory of his father, Tennant Lomax. The value of this prize is about \$20. By vote of the faculty it is for the present awarded for the best oration delivered by a member of the junior class at their annual contest.

*Freshman Contest in Declamation.*—Near the middle of the third term is held a contest in declamation by a selected number of members of the freshman class.

*The Thomas Medal.*—In 1902-03, Mr. C. E. Thomas, an alumnus of the University, established an annual prize, consisting of a gold medal valued at \$15, to be given to the best speaker in the freshman class. In 1912-13, Mr. Thomas offered a second gold medal, valued at \$10 to be given annually to the second best speaker. These medals are awarded to the successful contestants in the freshman declamation contest.

*The Bryan Prize.*—In the spring of 1898, the Honorable William J. Bryan donated to the University the sum of two hundred and fifty dollars for the purpose of providing "an annual prize for the best essay on some subject relating to the science of government." This sum provides a prize of \$15 in value, which is awarded under the following rules:

I.—This prize is offered for the best essay upon any subject bearing upon the science of government, to be submitted to the president on or before the 15th day of May, the length of the essay to be not fewer than 1,000 nor more than 2,000 words, the words to be accurately counted by the author and endorsed upon the back of the essay. But no essay will be received upon which a prize has already been won.

II.—All students of the University may compete for the prize, but no award will be made unless there are as many as three contestants.

III.—The essays submitted shall be considered the property of the University under the control of the president.

IV.—Each essay shall be signed in cipher—not the writer's name. Each contestant shall file with the president a statement signed with his full name and cipher declaring that the essay is original in the usual acceptation of the term, and appending a list of authorities from which material was drawn.

V.—A committee of three, appointed by the president, shall decide upon the merits of the essays submitted.

VI.—The prize shall be a medal or money, as the winner may elect.

*The Weatherly Prize.*—In 1906, Mr. James Weatherly, a member of the class of 1879, donated to the University the sum of two hundred and fifty dollars for the purpose of providing an annual prize for the best essay on "Ethical Standards as Applied to Every Day

Life." This sum provides a prize of \$15 in value, which is presented on commencement day to the student submitting the best original essay, as determined by a special committee of award. The contest for this prize is governed by the rules for the Bryan prize, excepting the provision in regard to the subject of the essay.

*The Eugene Lewis Brown Prize.*—The Rev. Wyatt Brown, recently of Mobile, has agreed to establish, subject to the approval of the trustees, an annual prize of \$25 for the best essay on some subject relating to sociology. This prize is given in honor of his father, the late Eugene L. Brown, Esq. It is open to law students, and to seniors and graduates in arts and sciences.

*The James Harris Fitts Scholarship.*—Mr. James Harris Fitts, a graduate of the class of 1849, gave to the University in 1903 the sum of five thousand dollars for the establishment of a scholarship. The income of the fund, amounting at present to three hundred and fifty dollars annually, is paid to not more than two students in the undergraduate department under the following rules fixed by the faculty in accordance with the terms of the gift:

- (a) The recipient must be under twenty-three years of age.
- (b) He must be, or propose to become, a teacher by profession in the state of Alabama.
- (c) He must be able to enter the junior class in the college of arts and sciences.
- (d) The scholarship can be awarded not more than two years to the same person.
- (e) The scholarship is to be awarded annually by the faculty upon the recommendation of the president of the University, the dean of the college of arts and sciences, and the professor of philosophy and education, after a competitive examination, either oral or written. This scholarship is open to men and women on equal terms. Applications should be made in writing to the president.

By direction of the trustees of the University, this scholarship is known as the *James Harris Fitts Scholarship*.

*The Alabama Federation Loan Scholarship.*—In 1906 the Alabama Federation of Women's Clubs established at the University a loan scholarship of the value of two hundred dollars a year. The conditions governing the award of this scholarship are as follows:

- (a) The beneficiary shall be a young woman resident in Alabama, between the ages of 18 and 24 years, prepared to enter the junior class of the college of arts and sciences.
- (b) The scholarship shall be awarded only after competitive examination, and may be held by the beneficiary for two consecutive sessions. Application should be made to the president of the University. The appointment is made by the Federation Loan Scholarship Committee, and the president of the University.
- (c) The beneficiary must maintain the required standard in scholarship, attendance, and conduct. Failing in any of these requirements, she may be replaced by another beneficiary appointed in the same manner.
- (d) The amount of the scholarship shall be paid in three installments—\$66.66 at the beginning of each fiscal term.
- (e) Should the beneficiary withdraw from the University before the close of the session she shall return at once to the scholarship fund the rebates to which she is entitled under the rules of the University.
- (f) Repayment of this loan shall be made to the treasurer of the University at the rate of one hundred dollars a year without interest, the first payment becoming due the first year after graduation or resignation.
- (g) The beneficiary shall signify her perfect understanding of these terms by signing a paper of agreement to be presented to her by the president of the University when she receives her first payment.
- (h) A report of the progress of the beneficiary shall be sent to the chairman of the scholarship committee twice each year after the mid-year and final examinations.

*The United Daughters of the Confederacy Scholarship.*—Beginning with the session of 1908-09 the Alabama division of the United Daughters of the Confederacy established a scholarship of the value of one hundred dollars to be awarded annually by a committee of



the division. This scholarship is usable at the option of the holder either at the University of Alabama or at the Alabama Polytechnic Institute. The scholarship is available only to descendants of Confederate veterans.

## GENERAL EXPENSES

University fees for the whole session of thirty-six weeks are as follows:—

## FOR MEN

## IN COLLEGE OF ARTS AND SCIENCES, AND COLLEGE OF ENGINEERING

	Men Boarding in Dormi- tories	Men Boarding out of Dor- mitories	Men Whose Homes are in Tuscaloosa
Room rent, fuel, lights, water, and attendance .....	\$36 00	\$.....	\$.....
Registration fee.....	9 00	9 00	9 00
Incidental .....	3 00	3 00	3 00
Library .....	3 00	3 00	3 00
Gymnasium .....	3 00	3 00	3 00
Medical attention.....	6 00	6 00	(Opt.)
Total .....	\$60 00	\$24 00	\$18 00
Amount each term .....	20 00	8 00	6 00

## IN SCHOOL OF LAW

	Men Boarding in Dormi- tories	Men Boarding out of Dor- mitories	Men Whose Homes are in Tuscaloosa
Room rent, fuel, lights, water, and attendance .....	\$36 00	\$.....	\$.....
Library .....	3 00	3 00	3 00
Incidental .....	3 00	3 00	3 00
Gymnasium .....	3 00	3 00	3 00
Medical attention.....	6 00	6 00	(Opt.)
Tuition .....	75 00	75 00	75 00
Total .....	\$126 00	90 00	84 00
Amount each term .....	42 00	30 00	28 00

## FOR WOMEN

	Women Boarding in New Dormi- tory	Women Boarding in Old Dormi- tories	Women Boarding Out of Dormitories
Board, furnished room, fuel, lights, water, and attendance.....	\$162 00	\$144 00	\$.....
Registration fee .....	9 00	9 00	9 00
Incidental .....	3 00	3 00	3 00
Library .....	3 00	3 00	3 00
*Medical attention.....	6 00	6 00	6 00
Total .....	\$183 00	\$165 00	\$21 00
Amount each term.....	61 00	55 00	7 00

\*This fee is not required of women whose homes are in Tuscaloosa.

For the convenience of students, the session is divided into three fiscal terms of twelve weeks each, and one-third of these charges is payable at the beginning of each term. Those students whose homes are in Tuscaloosa are not required to pay the medical fee, but may do so if they desire the services of the physician.

Students who room in the dormitories and take meals elsewhere are charged \$4.00 each scholastic month for room rent. In the assignment of rooms preference is given to students in the college of arts and sciences, and the college of engineering, and especially to those who take meals in the University dining-room.

Tuition in the college of arts and sciences and the college of engineering is free to all students who are residents of Alabama; students from other states pay \$20.00 a session. Tuition in the law school is \$75.00 a session, one-third of which is payable at the beginning of each fiscal term.

The itemized statement of expenses given above includes furniture for rooms in the dormitories for women, but not in the dormitories for men. Men students who room in the dormitories, therefore, must provide their own furniture. Ordinarily the student moving into a dormitory room purchases, through a selling agent, the furniture used by the former occupant of the room, thus

reducing the cost to a very low figure. All students, both men and women, must procure for themselves the necessary bed covering, towels, etc.

Students must also provide themselves with textbooks and stationery. These are estimated to cost, in the college of arts and sciences, from \$10 to \$15 a year; in the college of engineering, from \$15 to \$20 a year; in the school of law, from \$50 to \$60 a year. Of other expenses no general estimate can be made, the amount depending for the most part on the student's individual tastes and habits.

Special charges will be assessed against students who willfully or carelessly damage the property of the University.

#### OTHER FEES

Fees in special departments are as follows: In the department of chemistry, the fees per term are: \$2.00 in course 7; \$3.00 in courses 1, 2, 8; \$4.00 in course 12; and \$5.00 in courses 3, 4. In addition to this, every student in the chemical laboratory must deposit a damage fee of \$5.00, the unexpended balance of which is refunded at the close of the session.

In the department of geology the fees are, \$2.00 for courses 3, 5, 7, and 8 for each course; \$3.00 for course 6; \$2.00 for course 1 for each term; \$4.00 for course 2 for each half-year.

In the department of physics, the fee is \$3.00 a term. In the department of biology, the fee is \$3.00 a term.

In the college of engineering, the fee is \$3.00 a term, for freshmen, sophomores and special students, including students in the college of arts and sciences who take any of the laboratory, field, or drawing courses. For juniors and seniors the fee is \$5.00 a term. Any person doing special work in any of the engineering laboratories will be charged in addition to the regular fee of \$3.00 a term a sum equal to the cost of the materials consumed.

Laboratory or department fees are payable on or before the first day of each fiscal term, and no rebates are allowed.

A fee of \$5.00 to cover expense of graduation, diploma, etc., is charged each person taking a degree at the University. This fee must be paid to the bursar-registrar at least ten days before commencement. The amount will be refunded should the degree not be conferred.

*All University dues must be paid on or before the first day of each term. Students who are delinquent in the payment of their dues are required to pay a special fee of \$5.00, in addition to the regular dues, before they are allowed to attend recitations or otherwise to receive instruction. The president is required to cause the withdrawal of any student who fails to make payment after written notice or request.*

*No fees are refunded for any cause within the limits of one term.*

#### TABLE BOARD

The University does not on its own account provide meals for students. The students who room in the dormitories have organized an association for the purpose of providing meals upon a co-operative plan. This association serves meals at \$12.00 a college month, which amounts to \$108.00 for the session of thirty-six weeks. Of this amount, one-third, \$36.00, must be paid by each member to the treasurer of the association at the beginning of each fiscal term.

The association enforces the same regulations relative to deductions and rebates for meals which the University has fixed for room rent and law tuition, except that no rebate will be allowed in case of suspension for violation of the rules of the association.

Students who do not room in the dormitories may secure table board in the University dining-room at \$12.00 a month. Board may also be obtained in private families at from \$16.00 to \$25.00 a month.



# College of Arts and Sciences

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D.,  
President

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Dean

## FACULTY

THOMAS C. McCORVEY, A. M., LL. D.,  
Professor of History and Political Economy

JOHN Y. GRAHAM, Ph. D.,  
Professor of Biology

WILLIAM B. SAFFOLD, Ph. D.,  
Professor of Latin

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Professor of English

GEORGE G. BROWNELL, Ph. D.,  
Professor of French

EDWIN H. FOSTER, A. M.,  
Professor of German

FREDERICK D. LOSEY, A. M.,  
Professor of Rhetoric and Public Speaking

JAMES J. DOSTER, A. M.,  
Professor of Philosophy and Education.

GUSTAV WITTIG, E. E.,  
Professor of Physics and Electrical Engineering

STEWART J. LLOYD, Ph. D.,  
Professor of Chemistry and Metallurgy

ROBERT F. COOPER, Ph. D.,  
Peabody Professor of Education

WILLIAM F. PROUTY, Ph. D.,  
Professor of Geology

JAMES S. THOMAS, A. M.,  
Professor of Secondary Education

LEE BIDGOOD, A. M.,  
Professor of Economics

## UNIVERSITY OF ALABAMA

MALCOLM C. BURKE, Ph. D.,  
Associate Professor of Greek and Latin  
FREDERICK G. STICKNEY, A. M.,  
Adjunct Professor of English  
JACK P. MONTGOMERY, Ph. D.,  
Adjunct Professor of Chemistry  
DINSMORE ALTER, M. S.,  
Adjunct Professor of Physics and Astronomy  
ROBERT T. MILNER, A. B.,  
Assistant Professor of Mathematics  
EMMETT B. FRAZER, B. S.,  
Instructor in Biology  
LUTHER B. LILES, A. B.,  
Fellow and Assistant in English  
JULIUS W. HICKS, A. B.,  
Fellow and Assistant in Gymnasium  
TOXEY H. SEWELL, A. B.,  
Fellow and Assistant in History  
GEORGE L. BAILES, A. B.,  
Assistant in English  
BUSHNELL B. JOHNSON  
Assistant in Chemistry  
OMER CARMICHAEL  
THOMAS J. LESLIE  
Assistants in Mathematics  
GUY E. WHITMAN  
Assistant in Physics

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## METHODS OF ADMISSION

There are three methods of gaining admission to the freshman class:

1—*By certificate from affiliated schools.*

Those public and private schools in Alabama that are giving adequate instruction in the subjects required for admission to the freshman class are recognized by the University as affiliated schools. Graduation from these schools, when officially certified in the subjects mentioned below, permits admission to the freshman class without examination in all subjects so certified. For the list of affiliated schools, see last pages of catalogue.

An applicant from one of these affiliated schools who cannot present a certificate of graduation will not be admitted, even though he has secured credit for the full fourteen units required, unless the principal of the school shall recommend his admission. Without such recommendation he will be required to secure, by examination at the University, additional credits to the amount of at least two units in fourth year high school subjects.

Graduation from a high school in another state entitles the applicant to the same credit he would receive at his own state university.

*2—By certificate and by examination.*

An applicant from a non-affiliated school who presents a satisfactory certificate covering the work required for admission to the freshman class will be excused from a part of the entrance examinations, provided in the opinion of the committee on admission the principal of the school is a man of approved scholarship and ability as a teacher. In such cases, however, entrance examinations will be required in the following subjects: Rhetoric and English classics, algebra and geometry, and history.

A teachers' first grade certificate entitles an applicant to five and one-half units' credit, as follows: Algebra, one unit; plane geometry, one unit; rhetoric, composition, and literature, two units; United States history, one unit; physics, one-half unit.

*3—By examination.*

An applicant who presents no satisfactory certificate will be required to pass examinations on the full fourteen units required for admission. The regular examinations for admission will be held at the University, Monday and Tuesday, September 7 and 8, beginning at 9 a. m. Special examinations for admission may be held at any time during the first six weeks of the session, but students are urged to enter promptly at the beginning of the college year.

## REQUIREMENTS FOR ADMISSION

For admission to the freshman class a student should be at least fifteen years of age. For admission to a higher class he should have a proportionate advancement in age. If he comes from a chartered university or college, he must bring a certificate of honorable discharge. All applications for admission are referred to the faculty committee on admission.

The scholastic requirement for admission is fourteen units of high school work. *"A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work." This standard of measurement "takes the four year high school as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week."*

In no case will an applicant be granted more than four units for any one year's work in a high school; or more than fourteen units, that is, unconditioned admission, for a certificate of graduation from a high school.

## REQUIRED SUBJECTS

Of the fourteen units required for admission, the following are prescribed:

For the A. B. course:

English.....	3 units
Mathematics.....	3 units
Latin.....	*3 units

For the B. S. course:

English.....	3 units
Mathematics.....	3 units

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\*Four units are required for admission to Latin 1. Applicants who present only three units in Latin must take Latin A, as well as Latin 1 and 2. In such case, if the applicant has presented fourteen entrance units, the three additional hours in Latin are counted as part of the sixty hours required for graduation.



## ELECTIVE SUBJECTS

To make up the total of fourteen units the applicant may offer any of the following subjects:

Advanced English .....	1 unit:
Trigonometry .....	$\frac{1}{2}$ unit:
History .....	1 to 3 units
Latin .....	1 to 4 units
Greek .....	1 to 2 units
French .....	1 to 2 units
German .....	1 to 2 units

## Sciences:

Botany.....	$\frac{1}{2}$ to 1 unit:
Chemistry.....	1 unit:
Geography (Physical).....	$\frac{1}{2}$ to 1 unit:
Physics.....	1 unit:
Physiology.....	$\frac{1}{2}$ unit:
Zoology.....	$\frac{1}{2}$ to 1 unit:

## Vocational Subjects:

Agriculture.....	1 to 2 units
Drawing.....	$\frac{1}{2}$ to 1 unit:
Geography (Commercial).....	$\frac{1}{2}$ unit:
Manual Training .....	1 to 2 units

The maximum amount of credit in the above list will be granted only for extended courses in which modern methods of instruction have been followed. This involves, in most of the sciences, laboratory experiments and the use of note books.

## DESCRIPTION OF SUBJECTS

## ENGLISH

1. Composition and rhetoric, (one unit).
2. English classics and history of English literature, (two units).

Two lists of books will be found below, one for study and practice in class, the other for reading out of class. Those in the first list are to be studied with care. The examination will presuppose a thorough knowledge of

their form and substance, and a familiarity with the chief facts in the lives of their authors. The books in list two, on the other hand, the student is not expected to study, but simply to read as he reads other books. In this part of the examination, therefore, knowledge of subject-matter will be considered as far less important than ability to write good English.

## LIST ONE

*For Study and Practice in Class*

For 1914, 1915.

Shakspere's *Macbeth*; Milton's *Minor Poems*; either Burke's *Speech on Conciliation*, or Washington's *Farewell Address* and Webster's *Bunker Hill Oration*; either Macaulay's *Life of Johnson*, or Carlyle's *Essay on Burns*.

## LIST TWO

*For Reading out of Class*

For 1914, 1915.

Group I. (two to be selected.)

*The Old Testament* (Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, and Esther); *The Odyssey* (Omit Books 1, 2, 3, 4, 5, 15, 16, 17); *The Iliad* (Omit Books 11, 13, 14, 15, 17, 21); Vergil's *Aeneid*. For any one of the four units of this group a unit from any other group may be substituted. The *Odyssey*, the *Iliad*, and the *Aeneid* should be read in English translations of literary excellence.

Group II. (one to be selected.)

Shakspere's *Merchant of Venice*, *Midsummer Night's Dream*, *As You Like It*, *Twelfth Night*, *Henry the Fifth*, *Julius Caesar*.

Group III. (one to be selected.)

Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*, or *Quentin Durward*; Hawthorne's *House of the Seven Gables*; Dickens's *David Copperfield*, or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

Group IV. (two to be selected.)

Bunyan's *Pilgrim's Progress*, Part I; Addison's *Sir Roger de Coverley Papers*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essays on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; Lincoln's two *Inaugurals*, *Speeches in Independence Hall and at Gettysburg*, *Last Public Address*, *Letter to Horace Greeley*; Parkman's *Oregon*

*Trail*; Stevenson's *Inland Voyage* and *Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*.

Group V. (two to be selected.)

Palgrave's *Golden Treasury (First Series)*, Books II and III; Gray's *Elegy in a Country Churchyard*, and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, Canto IV, and *Prisoner of Chillon*; Palgrave's *Golden Treasury, (First Series)*, Book IV; Poe's *Raven*; Longfellow's *Courtship of Miles Standish*; Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome*; Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Select Poems*.

#### MATHEMATICS

1. High school algebra, (one and one-half units).
2. Plane geometry, (one unit).
3. Solid geometry, (half unit).

Sufficient preparation can be obtained from any thorough high school course in each of these subjects.

#### HISTORY

1. Ancient history, (one unit).
2. Mediaeval and modern history, (one unit).
3. English history, (one unit).
4. History of United States and civil government, (one unit).

Sufficient preparation can be obtained from a careful study of any good high school histories.

#### LATIN

1. Grammar, composition, translation of easy passages, (one unit).
2. Caesar, any four books of the Gallic War, (one unit).
3. Cicero, six orations, (one unit).
4. Vergil, Aeneid, six books, (one unit).

Equivalents selected from Caesar (Civil War) and Nepos (Lives); Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid); and Ovid (Met-

amorphoses, Fasti, and Tristia) may be offered in place of 2, 3, and 4.

The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

For the benefit of students that are not fully prepared, a preparatory course (Latin A) is offered as part of the regular work of the University.

#### GREEK

Four books of Xenophon's *Anabasis* (or equivalent), with accompanying work in grammar and simple prose composition, (two units).

At present many candidates for admission to this subject have studied no Greek whatever. For this reason a beginners' course (Greek A) is offered as part of the regular freshman work in the bachelor of arts course.

#### FRENCH

Elementary grammar, composition, and not less than two hundred pages of easy reading, (two units).

At present many candidates for admission to this course have studied no French whatever. For this reason a beginners' course (French A) is offered as part of the regular work of the University.

#### GERMAN

Elementary grammar, composition, and not less than one hundred pages of easy reading, (two units).

At present a beginners' course (German A) is offered as in French.

#### SCIENCE

The entrance requirements in botany, chemistry, physical geography, physics, physiology, and zoology include such knowledge of the subjects as may be obtained from systematic study of any good modern text-books.



In the case of chemistry and physics, such class-room instruction should in all cases be accompanied by laboratory experiments and the use of note books. For a full unit's credit in a science the course must extend throughout a nine months' session.

#### VOCATIONAL SUBJECTS

Credit for high school work in agriculture, mechanical drawing, commercial geography, and manual training will be given in all cases where the applicant's certificate indicates that the course has been a thorough and systematic one, under competent instruction.

#### CONDITIONED STUDENTS

A student who cannot present the full number of units may be admitted conditionally, but no student will be admitted who is conditioned on more than 2 units. All conditioned students, therefore, must present at least 12 units. Of these, 3 must be in English, 2 in Mathematics; and, in the bachelor of arts course, 3 in Latin.

Entrance conditions may be removed either by private study and examination by the University authorities, or by pursuing the "A" courses offered at the University. Next session such courses will be offered in Latin, Greek, French, German, and solid geometry. All entrance conditions must be removed by the beginning of the sophomore year.

A student who is admitted without entrance conditions may have conditions in course. For instance, if an applicant has never received credit for solid geometry, he is conditioned in that course, even though he has presented the full entrance requirement of 14 units.

#### SPECIAL STUDENTS

Applicants at least twenty years old who desire to pursue courses at the University may be admitted without formal examination, provided they give evidence of adequate preparation for the courses sought. In all such cases, the applicant must at least satisfy the full entrance requirements in the department he wishes to enter.

## ADVANCED STANDING

A candidate for admission to advanced standing, who comes from an approved institution of collegiate rank, may receive credit, without examination, for work done at such institution. Graduates of the normal schools at Florence, Jacksonville, Livingston, and Troy; of the Alabama Girls Technical Institute; of Marion Institute; of Highland Home College, St. Bernard College, and Spring Hill College, may also be admitted to advanced standing. All applicants will be required, however, to present, or to have had accepted elsewhere, the same entrance subjects as are demanded of the students entering the University of Alabama without advanced credit; and to cover, or to have covered, all the prescribed subjects in the course leading to the desired degree at the University of Alabama. The committee on instruction will determine the amount of credit that the applicant may receive on receipt of satisfactory credentials.

No degree is granted by the University to any student who has not spent at least one year in resident work.

## REQUIREMENTS FOR GRADUATION

In order to receive the degree of bachelor of arts or of bachelor of science, a student must satisfy the following requirements:

(a) He must complete 60 hours of class work.

(b) He must receive credit for two hours a week in the gymnasium during his freshman year and two hours a week during his sophomore year.

The courses from which the candidate for a degree must make his selection are described on pages 71 to 86. They are divided into seven groups, as follows:

## Department

I. English	English language and literature, and public speaking.
II. Ancient language	Greek language and literature. Latin language and literature.
III. Modern language	French language and literature. German language and literature.
IV. Mathematics	Mathematics.
V. History and economics	History, economics and political science.
VI. Philosophy and education	Philosophy and education.
VII. Natural science	Biology, chemistry and metallurgy, geology and mineralogy, physics and astronomy.

## FOR THE DEGREE OF BACHELOR OF ARTS

## MAJOR COURSE

Before graduation the student must complete a major course of not fewer than twelve hours in one group, nine of which must be in the same department. Notice of the major group chosen must be filed with the dean at the beginning of the junior year.

## COURSES FROM OTHER GROUPS

The work required for graduation not included in the major course is to be chosen subject to the following restrictions:—

1. Six hours must be chosen from each of groups I, II, III, V.

(a) A student who has credit for two years of high school French or German is not required to take more than three hours in group III, but such exemption does not excuse him from the requirement of a total of sixty college hours.

(b) The six hours chosen from group II and the six from group III must in each case be in one department.

(c) Six hours in each of the two departments in group II may be chosen instead of six hours in II and six in III.

2. Three hours must be chosen from group IV.

3. Eight hours must be chosen from group VII.

4. Not more than twelve hours may be elected from one group.

5. Not more than eight hours may be elected from one group at one time.

6. Not more than two foreign languages may be taken in the freshman or the sophomore year.

7. No course may be counted towards a degree which substantially duplicates work for which credit has already been granted, either in the University or in the preparatory school.

#### FOR THE DEGREE OF BACHELOR OF SCIENCE

##### MAJOR COURSE

Before graduation the student must complete a major course of not fewer than twelve hours in one group, nine of which must be in the same department. Notice of the major group chosen must be filed with the dean at the beginning of the junior year.

##### COURSES FROM OTHER GROUPS

The work required for graduation not included in the major course is to be chosen subject to the following restrictions:—

1. Six hours must be chosen from each of groups I, III, V.

(a) A student who has credit for two years of high school French or German is not required to take more than three hours in group III, but such exemption does not excuse him from the requirement of a total of sixty college hours.

(b) The six hours chosen from group III must be in one department.



2. Five hours must be chosen from group IV.
3. Sixteen hours must be chosen from group VII, four of which must be in an advanced course.
4. Not more than twelve hours may be elected from one group.
5. Not more than eight hours may be elected from one group at one time.
6. No course may be counted towards a degree which substantially duplicates work for which credit has already been granted, either in the University or in the preparatory school.

#### RESPONSIBILITY

The individual student will be held responsible for the election of his course in conformity with the preceding regulations.

#### CHANGES IN COURSES OF STUDY

No changes in courses of study will be permitted later than the third week of October during the first half-year, or the first week of March during the second half-year.

#### AMOUNT OF WORK TO BE CARRIED AT ONE TIME

Regular students are required to carry not fewer than fifteen nor more than eighteen hours of work. Exceptions to this requirement will be made only on special recommendation of the committee on instruction.

The faculty strongly urges students to confine themselves to the average number of fifteen hours of class work, and thus devote four full years to the completion of their undergraduate course. Experience has shown that the attempt to crowd the work of the four years into three results in serious loss in the quality of the work accomplished.

#### COLLEGE CREDIT FOR PROFESSIONAL COURSES

For work in the school of law.

Seniors in the college of arts and sciences may count towards the bachelor of arts degree six hours from the course of study in the school of law.

## COURSES OPEN TO FRESHMEN AND SOPHOMORES

Astronomy 1, 2 hours.	Greek 2, 3 hours.
Biology 1, 4 hours.	History 1, 3 hours.
Biology 2, 4 hours.	History 2, 3 hours.
Chemistry 1, 4 hours.	Latin A, 3 hours.
Chemistry 2, 4 hours.	Latin 1, 3 hours.
Drawing, 3 hours.	Latin 2, 3 hours.
Economics 1, 3 hours.	Mathematics A, 3 hours.
English 1, 3 hours.	Mathematics 1, 3 hours.
English 2, 2 hours.	Mathematics 2, 3 hours.
English 3, 3 hours.	Mathematics 3, 4 hours.
English 4, 3 hours.	Mathematics 4, 4 hours.
English 6, 3 hours.	Philosophy 2, 3 hours.
English 7, 3 hours.	Physics 1, 4 hours.
French A, 3 hours.	Physics 2, 4 hours.
French 1, 3 hours.	Political Science 1, 3 hours.
French 2, 3 hours.	Political Science 3, 3 hours.
Geology 1, 3 hours.	Psychology 1, 3 hours.
Geology 2, 4 hours.	Psychology 2, 3 hours.
German A, 3 hours.	Public Speaking 1, 1 hour.
German 1, 3 hours.	Public Speaking 2, 2 hours.
German 2, 3 hours.	Public Speaking 3, 3 hours.
Greek A, 4 hours.	Surveying, 2 hours.
Greek 1, 3 hours.	

## COURSES OPEN TO JUNIORS AND SENIORS

All courses offered in the college of arts and sciences are open to juniors and seniors, provided they have in each case received credit for the necessary prerequisite work. In addition to these courses, juniors and seniors may also elect two engineering subjects, descriptive geometry and mechanics.

# SCHEDULE OF COURSES DURING FIRST HALF-YEAR

	8	9	10	11	12	2	3
MONDAY.....	<p>Biology 3 Biology 5 Education 3 English 8 French Aa German Aa History 2 Math. 5</p>	<p>Biology 3 Biology 5 Economics 4 Education 1 English 5 English 6 English 7 Latin 1b Math. 1a</p>	<p>Astronomy 1 Biology 3 Chemistry 1 Education 6 English 1a Geology 2 History 7 Math. 1b Physical Tr. 2c</p>	<p>French 2 German 2 Greek 4 History 1b Latin 5 Math. A Philosophy 1 Physics 2 Physical Tr. 2d</p>	<p>Biology 9 Education 9 Elocution 1a Greek 2 Latin 1a Math. 4 Pol. Sc. 1</p>	<p>Biology 1a Chemistry 1a, 7 Geology 2a Physics 1a Psychology 4</p>	<p>Biology 1a Chemistry 1a, 7 Geology 2a Physics 1a</p>
TUESDAY.....	<p>Education 2 English 2 French Ab German Ab Greek A Math. 3</p>	<p>Argumentation Biology 1 Chemistry 5 Economics 1 English 3 History 1a Physics 4</p>	<p>Economics 2 French 1b German 1b Physics 4 Physical Tr. 2a Psychology 1</p>	<p>Chemistry 2 Education 7 English 1b French 1a German 1a History 4 Latin A Physics 1</p>	<p>Chemistry 4, 7 English 4 Greek 1 Latin 2 Math. 6 Physical Tr. 2b</p>	<p>Biology 1b Chemistry 1b, 2, 3 Geology 2b Physics 1b</p>	<p>Biology 1b Chemistry 1b, 2, 3 Geology 2b Physics 1b</p>
WEDNESDAY.	<p>Biology 5 Education 3 Elocution 1b English 8 French Aa German Aa History 2 Math. 3 Math. 5</p>	<p>Biology 3 Biology 5 Economics 4 Education 1 English 5 English 6 English 7 Geology 1 Latin 1b Math. 1a</p>	<p>Chemistry 1 English 1a Geology 2 History 7 Latin 3 Math. 1b Physical Tr. 2c Public Speaking</p>	<p>French 2 German 2 Greek 4 History 1b Math. A Philosophy 1 Physics 2 Physical Tr. 2d</p>	<p>Education 9 Greek 2 Latin 1a Math. 4 Pol. Sc. 1</p>	<p>Biology 1a Chemistry 1c Geology 1 Physics 2a</p>	<p>Biology 1a Chemistry 1c Geology 1 Physics 2a</p>

# SCHEDULE OF COURSES DURING FIRST HALF YEAR—(Continued).

THURSDAY...	Education 2 English 2 French Ab German Ab Greek A Math. 3	Argumentation Biology 1 Chemistry 5 Economics 1 English 3 History 1a Physics 4	Economics 2 French 1b German 1b Physics 4 Physical Tr. 2a Psychology 1	Education 7 French 1a English 1b German 1a History 4 Latin A Physics 1	Chemistry 4, 7 English 4 Greek 1 Latin 2 Math. 6 Physical Tr. 2b	Biology 1b Chemistry 2, 3 Physics 2b Psychology 3	Biology 1b Chemistry 2, 3 Physics 2b Psychology 3
FRIDAY.....	Biology 5 Education 3 English 8 French Aa German Aa History 2 Math. 5	Biology 3 Biology 5 Economics 4 Education 1 English 5 English 6 English 7 Latin 1b Math. 1a	Astronomy 1 Chemistry 1 English 1a Geology 2 History 7 Latin 3 Math. 1b Public Speaking	French 2 German 2 Greek A History 1b Latin 4 Math. A Philosophy 1 Physics 2	Education 9 Greek 2 Latin 1a Math. 4 Pol. Sc. 1	Biology 3 Chemistry 2, 3 Geology 1 Physics 1 Psychology 4	Biology 3 Chemistry 2, 3 Geology 1 Physics 1
SATURDAY...	Biology 3 Chemistry 4 Education 2 French Ab German Ab Greek A Math. 3 Math. 5	Chemistry 4 Economics 1 English 3 History 1a	Chemistry 4 Economics 2 Elocution 1c French 1b German 1b Psychology 1	Chemistry 4 English 1b French 1a German 1a History 4 Latin A Physics 1	English 4 Greek 1 Latin 2 Math. 6		



# **Courses of Study**

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## **DEPARTMENT OF BIOLOGY**

**PROFESSOR GRAHAM**

**INSTRUCTOR FRAZER**

1. Botany. In this elementary course a study is made of representatives of the principal groups of plants and of the fundamental principles of plant life, relationship, and evolution. Four hours, first half-year. Recitations or lectures, Tu. 9, Th. 9; laboratory exercises, section a, M. 2-4, W. 2-4; section b, Tu. 2-4, Th. 2-4. Professor Graham and Mr. Frazer.

2. Zoology. This course is intended to acquaint the student with the scope and significance of the more important subdivisions of zoological science by means of a somewhat intensive study of one type, the frog. Four hours, second half-year. Hours as for course 1. Professor Graham and Mr. Frazer.

3. Zoology of the invertebrates. A study of the structure, habits, life histories, and economic significance of selected types. Course 2 a prerequisite. Four hours. Recitations or lectures, W. 9, F. 9; laboratory exercises, M. 8-11, F. 2-4. Professor Graham and Mr. Frazer.

4. Botany. A study of the physiology and ecology of plants. Course 1 a prerequisite. Four hours, second half-year. Lectures, Tu. 10, Th. 10; laboratory exercises, F. 2-4, S. 9-11. Professor Graham.

5. Comparative anatomy of the vertebrates. A brief survey of the structure of the vertebrate types. Course 2 a prerequisite. Three hours, first half-year. M. 8-10, W. 8-10, F. 8-10. Mr. Frazer.

6. Advanced zoology and histological methods. Courses 2 and 3 prerequisites. Four hours, second half-year. Hours as for course 3. Professor Graham and Mr. Frazer.

9. Methods of teaching biology in the high schools. Elective for seniors in the school of education. One hour, first half-year. M. 12. Professor Graham.

## DEPARTMENT OF CHEMISTRY AND METALLURGY

PROFESSOR LLOYD

ADJUNCT PROFESSOR MONTGOMERY

MR. JOHNSON

1. General chemistry. Required of all engineering students and elective for all others. Four hours (three lectures and one laboratory period). M., W., F. 10; M., or Tu., or W. 2-4. Professor Lloyd.

2. Advanced inorganic chemistry, including qualitative analysis and inorganic preparations. Required of sophomores in chemical engineering, of juniors in mining and highway engineering, and elective for those who have completed course 1. Four hours (one lecture and three laboratory periods). Tu. 11; Tu., Th., F. 2-4. Professor Montgomery.

3. Quantitative analysis. Required of students in chemical and mining engineering, and elective for those who have completed course 2. Three laboratory periods. Tu., Th., F. 2-4. Professor Lloyd.

4. Organic chemistry. Required of juniors in chemical engineering, and elective for those who have completed course 1. Four hours (two lectures and a double laboratory period). Tu., Th. 12; S. 8-12. Professor Montgomery.

5. Technical chemistry. A discussion of materials and processes employed in chemical industries; evaporators, filter-presses; transference of corroding materials; design of stills, etc. Required of seniors in chemical engineering. Two lectures. Tu., Th. 9. Professor Lloyd.

6. General metallurgy. Elective for all who have completed course 3. Two lectures and one laboratory period. Professor Lloyd.

7. Metallurgy and metallography of iron and steel. Elective for all who have completed course 3. Three

hours (two lectures and one laboratory period), first half-year. Tu., Th. 12; M. 2-4. Professor Lloyd.

8. Assaying. Fire assay of gold, silver, and platinum, with quantitative examination of metallurgical products. One double laboratory period, second half-year. S. 9-1. Professor Lloyd.

9. An advanced course for B. S. graduates who are candidates for the master's degree, and for others who may desire it. The work will be varied to suit the needs of the particular students who may elect it, and may include a thesis. Professor Lloyd and Professor Montgomery.

10. Methods of teaching chemistry in the high school. Open to seniors in the school of education. One hour. Professor Lloyd.

11. Physical chemistry. Required of seniors in chemical engineering, and elective for those who have completed course 2. Three hours (two lectures and one laboratory period), first half-year. Professor Montgomery.

12. Special methods of analysis. Two laboratory periods. Hours to be arranged. Professor Lloyd and Professor Montgomery.

13. Electrochemistry. Required of seniors in chemical engineering, and elective for those who have completed course 2. Three lectures a week, second half-year. M., W., F., 9. Professor Montgomery.

14. Technical reports. Elective for chemical engineering students in the fifth year. One hour. Professor Lloyd.

15. Agricultural chemistry. Elective for those who have completed courses 1, 2, and 4. Two lectures a week, second half-year. M., W. 12. Professor Montgomery.

16. Sanitary water analysis, chemical and bacteriological. The work will closely follow the standard methods of the American Public Health Association.

Elective for those who have completed courses 1, 2, and 3. Two laboratory periods, second half-year. Professor Montgomery.

Note.—Courses 1, 2, 3 and 4 are given each year, other courses as required.

The chemical library is supplied with the more important of the current journals, and students are encouraged and expected to use them freely.

*Fees.*—The fees each term are: \$2.00 in courses 6, 7, 11 and 16; \$3.00 in courses 1, 2, and 8; \$4.00 in course 12; and \$5.00 in courses 3 and 4. A deposit of \$5.00, which, less cost of breakage, etc., will be returned at the end of the year, is made by each student on entering the laboratory. The fees are payable at the beginning of each fiscal term.

## DEPARTMENT OF ECONOMICS

PROFESSOR BIDGOOD

1. The elements of economics. Offers a general survey of the elementary principles of economic theory and brief glimpses of each of the chief branches of applied economics. In each half-year one such branch is selected to receive a somewhat more extended treatment; thus in 1914-15 about one month of the first half-year will be devoted to money and banking and about a month of the second half-year to labor problems. Instruction chiefly by textbook, supplemented where necessary by lectures and library readings, with oral recitations. Frequent brief written quizzes, and one written exercise or report each week. Open to sophomores, juniors and seniors. Three hours. Credit given only for a full year. Tu. 9, Th. 9, S. 9.

2. Economic history of the United States. Deals with the successive stages of economic life illustrated in the development of the United States. Instruction by textbook, library readings and oral recitations. Economics 1 (or its equivalent) must either be completed before



entering on this course, or prosecuted simultaneously with it. First half-year, three hours. Tu. 10, Th. 10, S. 10.

3. American tariff history. Treats the general character of the colonial and state tariffs, and the important steps in national tariff legislation from 1789 to 1913. Chief attention is given to the influence, in each stage of industrial evolution, of underlying economic conditions upon legislation. Instruction by lectures, assigned readings including extracts from the sources, oral recitations and written reports. Each student must provide himself with two of the books found most useful. Economics 1 or its equivalent a prerequisite. Second half-year, three hours. Tu. 10, Th. 10, S. 10.

4. Corporation finance. The main topics are: essentials of corporate organization, promotion, securities and their marketing, income accounting and management, consolidation and reorganization. Instruction by textbook, lectures, library readings and journals, with oral recitations and frequent written exercises or reports, including one extended paper. Economics 1 or its equivalent a prerequisite. First half-year, three hours. M. 9, W. 9, F. 9.

5. Trusts. Embraces a brief treatment of the theory of monopoly; an historical summary of the successive forms of monopolistic combination found in the United States, with examples of each form; and a more detailed study of the organization, methods, position and economic effects of the principal trusts of today. Instruction by text and case-books, lectures, library readings drawn in large part from the reports of the United States Bureau of Corporations, oral recitations and written reports. Economics 1 or its equivalent a prerequisite. Second half-year, three hours. M. 9, W. 9, F. 9.

## DEPARTMENT OF ENGLISH

PROFESSOR BARNWELL

PROFESSOR LOSEY

ADJUNCT PROFESSOR STICKNEY

MR. LILES

1. English composition, with review of advanced rhetoric and the reading of specimens of prose discourse. Recitations, weekly essays, conferences. Three hours. Section a: M. 10, W. 10, F. 10; section b: Tu. 11, Th. 11, S. 11. Required of all freshmen. Professors Barnwell, Losey, Stickney, Mr. Liles.

2. Advanced English composition. Study of the forms of prose discourse, lectures, themes, and conferences. Open only to students who have shown proficiency in English composition. Number limited to 18. Two hours. Tu. 8, Th. 8. Professor Stickney.

3. Chaucer. A critical study of The Canterbury Tales, with parallel reading in the minor poems. No credit for less than a full year. Three hours. Tu. 9, Th. 9, S. 9. Professor Barnwell.

4. Shakspeare. A critical study of five or six plays. May be elected for two successive years. No credit for less than a full year. Plays read in 1914-15 will include Hamlet and Othello. Three hours. Tu. 12, Th. 12, S. 12. Professor Losey.

5. The English drama. From the miracle plays to the closing of the theatres. Lectures, rapid reading and reports. Open only to those who have taken or are taking course 4. No credit for less than a full year. Two hours. Three hours credit. M. 9, W. 9. Professor Losey.

6. English poetry and prose during the 18th century. Recitations, lectures, parallel reading, and written reports. M. 9, W. 9, F. 9. Professor Stickney.

7. English poetry during the 19th century. Recitations, lectures, parallel reading. Three hours. M. 9, W. 9, F. 9. Professor Barnwell.

8. The English essay. Recitations, parallel reading, lectures, written reports, and conferences. First half-year. Three hours. M. 8, W. 8, F. 8. Professor Stickney.

9. The short story. Recitations, parallel reading, lectures, written reports, and conferences. Second half-year. Three hours. M. 8, W. 8, F. 8. Professor Stickney.

10. Anglo-Saxon and Middle English. Primarily for graduates. Two hours. Professor Barnwell.

11. Methods of teaching high school English. Lectures, discussion, practice work. Elective for seniors in school of education. One hour. Professor Barnwell.

### Public Speaking

PROFESSOR LOSEY

Public Speaking 1. Declamations and original speeches. Stress laid on clearness of utterance and directness of address. Elective for freshmen. Prerequisite to the course in public speaking 2. No credit for less than a full year. One hour. Section a: M. 12; section b: S. 8; section c: W. 10.

Public Speaking 2. Declamations, orations, and extemporaneous speeches. No credit for less than a full year. Two hours. W. 10, F. 10.

Public Speaking 3. Argumentation. Forensics and class-room debates. Text-book and lectures. Class limited to 18. Course not offered to fewer than 12. No credit for less than a full year. Two hours. Three hours credit. Tu. 9, Th. 9.

### DEPARTMENT OF FRENCH

PROFESSOR BROWNELL

A. Beginners' French. Grammar, composition, drill in pronunciation. Reading is begun early in the course, the text forming a basis for grammatical discussion.

Aldrich and Foster's *Elementary French*, Rollins' *French Reader, Le Francais et Sa Patrie*. Three hours. Section a: M. 8, W. 8, F. 8; section b: Tu. 8, Th. 8, S. 8.

1. Reading of modern French prose and verse, supplemented by practical exercises in French syntax. Prerequisite course: French A or two years of high school French. Three hours. Section a: Tu. 11, Th. 11, S. 11; section b: Tu. 10, Th. 10, S. 10.

2. Elective course open only to students who have completed French 1. Rapid reading of advanced French with especial attention to the seventeenth century drama. Advanced composition and writing from dictation. Text-books: Heath's *French Dictionary*, Frazer and Squair's *French Grammar*. Three hours. M. 11, W. 11, F. 11.

#### DEPARTMENT OF GEOLOGY AND MINERALOGY

PROFESSOR SMITH

PROFESSOR PROUTY

1. Mineralogy. A study of the characteristics, occurrence and use of the most important mineral species. Required of chemical and mining engineers and elective for all other students. Three hours. Recitation or lecture, W. 9; laboratory exercises, W. 2-4, F. 2-4.

2. General geology. A general study of the history of the earth and its inhabitants and the dominant processes in earth modification. The course is given in two parts, A and B.

A. Dynamical and structural geology, during the first half-year.

B. Historical geology, during the second half-year.

During the year a number of field trips to nearby places of interest will be substituted for the regular laboratory periods. Part A required of civil and highway engineers; A and B required of chemical and mining engineers. Open as an elective to sophomores, juniors and



seniors. Four hours. Lectures or recitations, M. 10, W. 10, F. 10; laboratory exercises: section a, M. 2-4; section b, T. 2-4.

3. Petrology. A study of the common rocks by means of their physical and mineralogical characteristics without the aid of the microscope. The purpose of the course is to fit the student to recognize in the field the common rock species. Required of civil, highway and mining engineers. Open as an elective to other students who have had mineralogy or part A of geology 2. Two hours, second half-year.

4. Economic geology. An economic study of mineral substances, rocks and rock products. Required of chemical and mining engineers. Open as an elective to others who have had geology 1 and 2. Two hours.

5. Structural geology and geological mapping. Designed to meet the practical needs of the mining engineer and geologist in the interpretation of structural problems, the tracing and mapping of outcropping or concealed strata and in making prospects. A number of field excursions will be substituted for laboratory periods. Required of mining engineers. Open as an elective to others who have had geology 2. Not given 1914-15.

6. Petrography or microscopic petrology. The purpose of this course is to familiarize the student with the structural and mineralogical characteristics of the rocks by means of microscopic inspection of thin rock sections. The first part of the course will include the optics of polarized light as applied to the microscope. Required of mining engineering students, open as an elective to others who have had geology 1 and 3. Three hours, first half-year. Lecture, Tu. 9, laboratory, Tu. 11-1, Th. 2-4.

7. Geology and natural resources of Alabama. Lectures, recitations, parallel reading and reports. Elective for those who have had geology 2. Two hours, first half-year. Not given 1914-15.

8. Geography; physical and economic. In this course the relationship of man to his natural environ-

ment is emphasized. An elective course. Three hours, second half-year. Not given 1914-15.

9. A course for advanced students. The work to be arranged according to the needs of the particular student.

The fees in the department of geology are: \$2.00 for courses 3, 5, 7 and 8; \$3.00 for course 6; \$2.00 a term for course 1; \$4.00 a half-year for course 2.

## DEPARTMENT OF GERMAN

PROFESSOR FOSTER

A. This course is intended to give the student drill in pronunciation; the elements of grammar and of word formation; translation, both with previous preparation and at sight, of easy dialogue and narrative prose; simple conversational exercises in German, based on selected passages of the texts read; prose composition, paraphrasing; collateral reading; memorizing German poetry; writing in German script from dictation; reading aloud, with due expression, and hearing the language read. Thomas's Practical German Grammar and simple texts. Three hours. Section a: M. 8, W. 8, F. 8; section b: Tu. 8, Th. 8, S. 8.

1. This course continues and extends the work of the first year, introducing the student to the great masterpieces of the classic period, and giving a brief survey of German literature. Suitable reading matter will be selected from such books as Freytag's *Die Journalisten*; Goethe's *Hermann und Dorothea*; Heine's *Poems*, *Die Harzreise*; Lessing's *Minna von Barnhelm*; Riehl's *Novellen*; Schiller's *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Balladen*; Uhland's *Poems*; Wildenbruch's *Das edle Blut*. Three hours. Section a: Tu. 11, Th. 11, S. 11; section b: Tu. 10, Th. 10, S. 10.

2. This course consists of the study of a few representative masterpieces of German literature, followed by the reading of typical German short stories portray-

ing modern life in Germany. Composition and conversation on text; classroom and private reading. Three hours. M. 11, W. 11, F. 11.

3. Methods of teaching German in the high schools. This course, designed primarily for students who intend to teach, presupposes courses A and 1 in the department of German, or their equivalent. It consists mainly of work in reading, with composition and conversation based on text. It deals also with methods and theories of teaching modern foreign languages, with the selection of text-books in German in secondary schools, with the consideration of difficulties in pronunciation, syntax, and idiom, and with problems in historical grammar of importance to the teacher. One hour.

#### DEPARTMENT OF GREEK

PROFESSOR BURKE

A. Study of forms and syntax. Prose composition. Xenophon, *Anabasis*. Four hours. Tu. 8, Th. 8, F. 11, S. 8.

1. Review of forms and syntax. Plato, *Apology* and *Crito*; Herodotus, selections. Three hours. Tu. 12, Th. 12, S. 12.

2. Advanced course in Greek literature, text to be selected later. Three hours. M. 12, W. 12, F. 12.

Note.—None of the above courses may be counted for half-year credit without special permission.

4. Public and private life of the Greeks. Text-book and lectures. No knowledge of Greek required. Open to seniors, juniors and sophomores. Two hours, first half-year. M. 11, W. 11.

#### DEPARTMENT OF HISTORY

PROFESSOR MCCORVEY

MR. SEWELL

1. History of England. While this course gives an outline of the general history of England from the earliest times to the present, special emphasis is placed upon the development of the English constitution. In

studying the organization and practical workings of the British government of today, points of resemblance and contrast between it and the government of the United States are examined. Three hours. Section a: Tu. 9, Th. 9, S. 9; section b: M. 11, W. 11, F. 11.

2. Mediæval Europe. This course begins with the "Teutonic Migration" and traces the history of mediæval institutions to the era of the renaissance. First half-year, three hours. M. 8, W. 8, F. 8.

3. Europe in the nineteenth century. This course is prefaced with an outline of the earlier history of modern Europe, stressing the outbreak of the French Revolution, 1789, and giving its causes and results. It then passes on to the Napoleonic era, the resettlement of Europe after the Congress of Vienna, and the unification and nationalization of Italy and Germany. Second half-year, three hours. M. 10, W. 10, F. 10.

4. American history to the compromise of 1820. While this course reviews the leading facts in our colonial history and the struggle for independence, it specially stresses the making of the constitution and its practical operation in the beginnings of the government. First half-year, three hours. Tu. 11, Th. 11, S. 11.

5. Political history of the United States from Monroe's administration through the reconstruction period. This course traces the slavery issue from the compromise of 1820 to the war between the states, the events of which will be reviewed, and closes with a brief survey of reconstruction conditions. Second half-year; three hours. Tu. 11, Th. 11, S. 11.

6. The teaching of history. This course is designed for those students who are preparing themselves for the teacher's profession. It discusses courses of study and text-books in elementary and secondary schools; the use of other materials than text-books; methods of instruction; historical works for the school libraries, etc. Open to seniors in the school of education. One hour. (This course may not be offered in 1913-14.)



7. Civil war and reconstruction in Alabama. This course reviews briefly the period of sectional controversy resulting in the secession of Alabama along with her sister states of the South, and passes on to a study of the military and political events and the social and economic conditions in the state during the war between the states. While the study of the reconstruction period necessarily involves a survey of the whole political field—federal as well as state—special reference will be had to the events and conditions—the men and measures—of that era in Alabama. Open only to those students who have completed history 4 and history 5 with satisfactory grades, or who otherwise satisfy the professor that they are prepared for the work designed in this course. First half-year, three hours. M. 10, W. 10, F. 10. (This course may not be offered in 1914-15.)

#### DEPARTMENT OF LATIN

PROFESSOR SAFFOLD

ASSOCIATE PROFESSOR BURKE

A. Sallust, Catiline; Vergil, Aeneid. Three hours. Tu. 11, Th. 11, S. 11.

1. Cicero, De Senectute; Livy, selections; Horace, Odes, books I-III. Three hours. Section a: M. 12, W. 12, F. 12; section b: M. 9, W. 9, F. 9.

2. Pliny, selected letters; Martial, selections; Plautus, Captives. Three hours. Tu. 12, Th. 12, S. 12.

3. Tibullus and Propertius; Catullus; Tacitus, Agricola. Two hours. W. 10, F. 10.

4. Advanced course in writing Latin. One hour. F. 11.

5. Methods of teaching high school Latin. Elective for seniors in the school of education. One hour, first half-year. M. 11.

6. Public and private life of the Romans. Text-book and lectures. No knowledge of Latin required. Two hours, second half-year. M. 11, W. 11.

Courses 1 and 2 are required of all candidates for the A. B. degree.

## DEPARTMENT OF MATHEMATICS

PROFESSOR SAYRE

ASSISTANT PROFESSOR MILNER

MR. CARMICHAEL

MR. LESLIE

A. Solid geometry. Three hours, first half-year. M. 11, W. 11, F. 11. Professor Milner.

1. Algebra. Three hours, first half-year. Section a: M. 9, W. 9, F. 9. Professors Sayre, Milner, Mr. Carmichael. Section b: M. 10, W. 10, F. 10. Professor Milner and Mr. Carmichael.

2. Trigonometry. Three hours, second half-year. Section a: M. 9, W. 9, F. 9. Professors Sayre, Milner, Mr. Carmichael. Section b: M. 10, W. 10, F. 10. Professor Milner, Mr. Carmichael, Mr. Leslie.

3. Analytic geometry. Four hours, first half-year. Tu. 8, W. 8, Th. 8, S. 8. Professor Milner.

4. Analytic geometry, elements of calculus. Three hours, first half-year; five hours, second half-year. M. 12, W. 12, F. 12. Professor Sayre.

5. Calculus. Four hours. M. 8, W. 8, F. 8, S. 8. Professor Sayre.

6. Advanced calculus. Three hours. Tu. 12, Th. 12, S. 12. Professor Sayre.

7. Solid analytic geometry, differential equations. Three hours. Professor Sayre.

8. The teaching of mathematics. One hour, first half-year. Professor Sayre.

## DEPARTMENT OF PHYSICS AND ASTRONOMY

PROFESSOR WITTIG

ADJUNCT PROFESSOR ALTER

MR. WHITMAN

## Physics

1. A general course, designed primarily to give that familiarity which every educated person ought to have with the physical laws and phenomena that constitute the material basis of modern civilization. Elemen-

tary mechanics, heat, sound, light, and electricity, taught by lecture table experiments, recitations, and laboratory experiments performed by the students individually. Special stress is laid on the laboratory work. The class reports in sections on different afternoons and each student receives personal attention. Four hours (three lectures and one laboratory period). Tu. 11. Th. 11, S. 11; M. or Tu or F. 2-4. Professor Wittig, Professor Alter, Mr. Whitman.

2. A more analytical course, based on physics 1. Knowledge of mathematics through trigonometry is essential, and previous or concurrent study of analytic geometry desirable. Laboratory work involves the use of instruments of precision. Four hours (three lectures or recitations and one laboratory period). M. 11, W. 11, F. 11; W. or Th. 2-4. Professor Wittig, Professor Alter, Mr. Whitman.

3. A conference course for the benefit of students in the school of education who expect to teach physics in secondary schools. Open to students who have satisfactorily completed physics 2, provided enough apply to warrant organizing a class. One hour, time to be arranged. Professor Wittig.

4. A laboratory course in electrical and magnetic measurements. Open to students who have completed physics 2; required of students taking the course in electrical engineering. Two hours (two laboratory periods), first half-year. Tu. 9-11, Th. 9-11. Professor Wittig.

The laboratory fee in this department is \$3.00 a term.

#### Astronomy

1. An elementary course, chiefly descriptive, for general information. Interest in the course will be stimulated by frequent stereopticon lectures and by visits to the observatory. Two hours, M. 10, F. 10. Professor Alter.

2. Practical astronomy. Instruction and training are given in the uses of various astronomical instruments, by such practical exercises as the determination of time

and of latitude, regulation of clocks, observations by sextant, and others of a similar nature. Two hours, time to be arranged. Professor Alter.

### DEPARTMENT OF POLITICAL SCIENCE

PROFESSOR MCCORVEY

PROFESSOR BIDGOOD

1. American government. The aim of this course is a fairly thorough understanding of the structure and functions of the state and local governments, and of the actual workings of the party system. It is descriptive rather than theoretical. It should be followed by course 2. (Principles of political science.) Open to all students. First half-year, three hours. M. 12, W. 12, F. 12. Professor Bidgood.

2. Principles of political science. This course is a study of the origin, nature, and organization of the state, and it attempts to analyze the various governmental functions in the light of the best scientific thought, and to illustrate the workings of governmental machinery in as practical a way as possible. Second half-year, three hours. Tu. 8, Th. 8, S. 8. Professor McCorvey.

3. Social problems. This course attempts to afford such an introduction to contemporary American social problems as will prepare the student for a more intelligent and useful citizenship and at the same time serve as a basis for possible future studies in social science or preparation for social work. Poverty, the negro, immigration with especial reference to the South, housing and sanitation, both urban and rural, will be some of the topics discussed. Course 1 (American government) or its equivalent a prerequisite. Second half-year, three hours. M. 12, W. 12, F. 12. Professor Bidgood.

### PHYSICAL EDUCATION

PROFESSOR GRAVES

This department aims to look after the physical well-being of the students, and to instruct them in matters pertaining to hygiene and health. To this end the following work is offered:



## MEN'S DEPARTMENT

1. Physical examinations. A physical examination is given each student of the college of arts and sciences upon his entrance to the University. In this examination, besides the tests for muscular strength, an inspection of the whole body is made, and any deformities or functional disorders noted. If the examination shows the student to be in a fair state of health, he is enrolled in the gymnasium classes, and given regular exercises. Delicate students receive advice and individual attention to help correct the faults shown. At the end of the second year each student is again examined and informed of the comparative results.

2. Physical instruction. In this course the exercises aim to cultivate deep breathing, to correct postural deformities, to aid the student in the correct care of his health, and to educate him in a few simple ways of personal hygiene. The "setting up" exercises of West Point are used in part, and all exercises are supplemented by short talks given as the occasion presents. More advanced students are instructed in boxing, wrestling, and the more common forms of athletics, such as basketball, football, and baseball. This work is given out of doors in pleasant weather. Freshmen: section a: Tu. 10, Th. 10; section b: Tu. 12, Th. 12. Sophomores: section c: M. 10, W. 10; section d: M. 11, W. 11.

3. Intercollegiate athletics. The University is represented each year by varsity teams in football, baseball, basketball, and track. All students who compete for places on these teams are compelled to pass a rigid physical examination, showing them to be physically able to compete in the sport elected.

An opportunity is offered for tennis, but this is not under supervision. The University maintains five tennis courts, four of which are for use of the men.

Physical work is required of all freshmen and sophomores in the college of arts and sciences, unless excused by the director. The regular classes meet in four sec-

tions twice a week. At the discretion of the director this work may be changed for athletics, or other forms of exercise.

#### WOMEN'S DEPARTMENT

Courses for women are not yet outlined, but this work will shortly be under the supervision of the department. Basketball and tennis are very popular sports among the women.

#### GRADUATE STUDY

*Admission.* Students holding a bachelor's degree from the University of Alabama, or from other institutions of approved rank, are admitted to registration as graduate students.

*Government.* Graduate work is under the direction of the committee on graduate study. Each graduate student must, before entering upon his work, have his program of courses approved both by the committee and by the professor under whom he elects his major.

*Courses.* Each student must elect from certain designated and approved courses work to the amount of twelve hours, six hours of which shall be chosen from the list of courses of major rank, shall fall within one department, and shall constitute his major. The remaining six hours may be chosen either from the list of courses of major rank or from those of minor rank and may fall within two or more departments; but at least three hours of his minor must be cognate with his major, and his entire minor must be approved by the department in which he chooses his major.

The following courses, to which additions may be made from time to time upon recommendation of the committee, are approved for graduate study:

Department	Courses of Major Rank	Courses of Minor Rank
Biology		*1, *2, 3, 4, 5, 6
Chemistry	4, 5, 6, 7, 8, 9, 11, 12, 13	2, 3
Economics	3, 4, 5	
Education	7 & 8, 9 & 10, 2 & 5	Phil. 1, Eth. 1
	Psy. 3	*Psy. 1
English	3, 4, 5, 10	3, 6, 7, P. S. 3
Geology and Mineralogy	5, 6, 9	*1, 2, 3, 4, 7
Greek		2
History	7	2, 3, 4
Latin		3
Mathematics	6, 7	4, 5
Physics and Astronomy		Phys. 2, 4. Astr. 2

No graduate student may register in a course for which he has already received academic credit, or which involves prerequisites which he has not satisfied. He may, however, by permission of the committee and his major professor elect a limited amount of work without credit in courses not enumerated above.

*Examinations.* A graduate student is required to pass all examinations in both his major and his minor at a grade not lower than B (80-90). When pursuing work offered to both graduates and undergraduates he may be required, at the discretion of the professor concerned, to pass an examination on work assigned in excess of that required of undergraduates.

After having passed his final written examinations the student shall be required to submit to an oral examination, to be arranged by the committee on graduate study, covering the essential elements of his major subject.

*Thesis.* A thesis, evidencing originality of thought, a good command of English, and facility in organizing materials, must be submitted to the committee on graduate study not later than May 1. The subject must be in the hands of the major professor and submitted to the committee for approval not later than December 1. Be-

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\*Open only on approval of committee and professor concerned.

fore the degree is conferred the thesis must be accepted, typewritten according to specifications furnished, and deposited with the University librarian.

*Degrees.* The degree of master of arts or master of science will be conferred upon students holding the degree of bachelor of arts or bachelor of science, upon the completion of at least one year of resident graduate work in accordance with the above requirements.



# School of Education

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D.,  
President.

JAMES J. DOSTER, A. M.,  
Dean.

## FACULTY

JAMES J. DOSTER, A. M.,  
Professor of Education.

ROBERT F. COOPER, Ph. D.,  
Peabody Professor of Education.

JAMES S. THOMAS, A. M.,  
Professor of Secondary Education.

THOMAS C. McCORVEY, A. M., LL. D.,  
Professor of History.

JOHN Y. GRAHAM, Ph. D.,  
Professor of Biology.

WILLIAM B. SAFFOLD, Ph. D.,  
Professor of Latin.

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics.

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Professor of English.

GEORGE G. BROWNELL, Ph. D.,  
Professor of French.

EDWIN H. FOSTER, A. M.,  
Professor of German.

GUSTAV WITTIG, E. E.,  
Professor of Physics.

STEWART J. LLOYD, Ph. D.,  
Professor of Chemistry and Metallurgy.

LEE BIDGOOD, A. M.,  
Professor of Economics.

## HISTORICAL STATEMENT

The school of education, which has the same rank as the school of medicine and the school of law, and which offers courses leading to professional degrees in education, was organized in 1909 for the purpose of training superintendents of schools, normal school instructors, and teachers and principals of secondary schools. It is an outgrowth of the department of philosophy and education, which was established by the trustees of the University in 1899.

The faculty at present consists of a dean, who is also professor of education, a professor of secondary education, and a professor of education, supported by the income from the Peabody fund, together with various members of the faculty of arts and sciences, who give courses in the teaching of their respective subjects. The professorship of secondary education is maintained by the General Education Board of New York, which contributes \$3000 annually to its support. The incumbent of this chair devotes the chief part of his time to the work of developing and inspecting high schools throughout the state. The tremendous increase in the number of high schools during the past five years is largely the result of his labors.

In 1912 the Peabody Board of Education gave to the University of Alabama \$40,000 to be used for the erection of a building for the school of education, on condition that \$10,000 be set apart annually by the University for the maintenance of this school. Since, previous to the granting of this gift, accommodations sufficient for the present needs had been provided in Morgan Hall for the school of education, the Peabody Board granted permission for the gift to be used as an endowment for a Peabody professorship of education until more adequate quarters should be demanded.

## AIMS AND PURPOSES

The school of education is organized to meet the needs of the following classes:

1. Mature students whose experience and scholarship justify them in preparing for educational leadership in the state. As part of the required collegiate work such students must complete at least fifteen hours of elective and prescribed work in the school of education, before receiving a degree in education from the University.

2. Students who are preparing to teach in the high schools of the state. Such students may begin their professional preparation at the beginning of their junior year, in which case they should take certain fundamental courses in education described elsewhere.

3. Students who elect courses in psychology, education, or philosophy, but who are not preparing to teach.

## REQUIREMENTS FOR ADMISSION

The courses offered in the school of education are open to all students who have satisfied the entrance requirements of the University and who have satisfactorily completed the prescribed work as far as the junior class; and to all others possessing a like attainment of scholarship.

## DEGREES

On the completion of the work outlined and after satisfying academic requirements, a student may receive from the University the degree of bachelor of arts, or bachelor of science, in education. The M. A. or the M. S. degree may be obtained after one year of further study at the University.

## PROFESSIONAL LIBRARY

An earnest attempt will be made to build up as complete a professional library as the needs of the school will demand. There is already a nucleus of several hun-

dred carefully selected books bearing on the various lines of philosophy and education, and these will be accessible to all members of the University.

#### EDUCATIONAL MUSEUM

An attempt will be made to gather together at the University as rapidly as possible an educational exhibit in which teachers and others interested may find specimens of old and new text-books for both elementary and secondary schools of foreign countries as well as of our state and nation; school reports; characteristic educational exhibits from all parts of the state; models, drawings and photographs of country, village and city school buildings, such maps and charts as will represent the progress of education in this and other states, and especially all material of any sort relating to the history of education in Alabama. Such a museum can become of great practical service to the teachers of the state and helpfully suggestive to all who are interested in the educational welfare of the state. The University will thankfully receive any gift of such material and strive to use it for the best interests of all concerned.

#### COURSES OF STUDY

*Education 1, psychology 1 and 2, and education 2 are fundamental courses. They are prescribed for all candidates for degrees in education, and should be elected by all who are planning to teach.* In addition to these fundamental courses candidates for degrees must elect other courses in education amounting to at least six hours, and those wishing a recommendation to teach should take one or more courses in methods of teaching in special subjects. Education 1 and psychology 1 and 2 should be taken in the junior year; education 2 and methods of teaching in special subjects, in the senior year. *Students must consult the dean of the school of education before electing additional courses in education.*



## EDUCATION

## 1. History and principles of education.

a. History of education. The attempt will be made in this course to select those representative nations and individuals that have exerted most influence in helping man in his effort to realize his ideals through systems of education, and through a study of their efforts to reach a more rational understanding of the educational demands of today. Open to all juniors. Three hours, first half-year. M. 9, W. 9, F. 9. Professor Doster.

b. Principles of education. A detailed study of (1) various conceptions of the aims of education, (2) education as a factor in organic and social evolution, (3) the process of education in the individual, (4) educational agencies. Open to all juniors. Three hours, second half-year. M. 9, W. 9, F. 9. Professor Doster.

2. High school methods. In addition to a careful study of methods of teaching in secondary schools, students will be expected to spend a part of their time in the observation of high school work, and, as soon as opportunity can be secured, to enter upon actual practice in teaching under competent supervision. Open to those who are recommended in scholarship and who have taken the courses in educational psychology and the history of education. 3 to 5 hours throughout the year. Tu. 8, Th. 8, S. 8. Professor Doster.

3. School hygiene. A careful study of the problems of constructing, lighting, heating, and ventilating public school buildings. The following additional topics will receive critical attention: School desks, eyesight and hearing of school children; cleaning and disinfecting school rooms; sanitary toilet systems; play grounds and the significance of play; fatigue and overwork; the hygiene of instruction; general health conditions of children; medical inspection, contagious diseases and the laws relating thereto. Open to juniors and seniors. Three hours, first half-year. M. 8, W. 8, F. 8. Professor Doster.

4. Social phases of education. In this course the following topics will be considered: Learning as a social process; education as a social process; the place and function of the school in society; education through social means external to the school. Open to juniors and seniors. Three hours, second half-year. M. 8, W. 8, F. 8. Professor Cooper.

5. Educational seminar. It will be the aim of this course to direct and assist students to make a more complete study of the educational literature bearing on the subjects they are preparing to teach than can be done in the more general courses offered. In addition each student will be expected to prepare and submit a thesis on some professional phase of the subject he is preparing to teach. Open to qualified seniors. Readings, conferences, and lectures. Two hours, second half-year. Professor Doster and Professor Cooper.

6. Secondary education in Alabama. A detailed study of the problems confronting the recently organized secondary schools in Alabama. Lectures, reports, and assigned readings. One hour throughout the year. M. 10. Professor Thomas.

7. School administration and supervision. A course designed for those who expect to become superintendents or principals of schools. Open to seniors and other qualified students. Two hours, first half-year. Tu. 11, Th. 11. Professor Cooper.

8. State school systems. A comparative study of the school systems of the various states with special reference to the educational needs of Alabama. Open to seniors. Two hours, second half-year. Tu. 11, Th. 11. Professor Doster.

9. Educational classics. A study of the educational writings of Plato, Aristotle, Quintilian, Montaigne, Milton, Locke, Rousseau, Pestalozzi, Herbart, Spencer, Froebel, and Dewey. Open only to seniors and graduates. Three hours, first half-year. M. 12, W. 12, F. 12. Professor Doster.

10. Philosophy of education. In this course an effort will be made to trace the growth of the underlying philosophic ideas that have conditioned the various systems of education, ancient and modern. Open only to seniors and graduates. Three hours, second half-year. M. 12, W. 12, F. 12. Professor Doster.

11. Methods of teaching biology in the high schools. Open to seniors in the school of education. One hour. Professor Graham.

14. Methods of teaching German in the high schools. Open to seniors in the school of education. One hour. Professor Lloyd.

13. Methods of teaching high school English. Lectures, discussions, practice work. Elective to seniors in school of education. One hour. Professor Barnwell.

14. Methods of teaching German in the high schools. Open to seniors in the school of education. One hour. Professor Foster.

15. The teaching of history. This course is designed for those students who are preparing themselves for the teacher's profession. It will discuss courses of study and text-books in elementary and secondary schools; the use of other materials than text-books; methods of instruction; historical works for school libraries, etc. Open only to seniors in the school of education. One hour. Professor McCorvey.

16. The teaching of Latin. Open only to seniors in the school of education. One hour. Professor Saffold.

17. The teaching of mathematics. A course treating of the problems of the teacher of mathematics in the high school. Open to seniors upon the approval of the school of education. One hour. Professor Sayre.

18. A course for those who may be looking towards teaching physics. Two hours a week for one half-year will be devoted to a study of methods, choice of laboratory exercises, critical review of text-books, the buying and making of apparatus for equipping and maintaining



lecture table and laboratory. Open only to seniors in the school of education. Professor Wittig.

19. The teaching of French. Open to seniors in the school of education. One hour. Professor Brownell.

### PSYCHOLOGY

1. General psychology. A course in descriptive and experimental psychology, confined chiefly to those fundamental psychic processes represented in all our thinking and behavior. The course will consist of lectures, textbook work, and simple experiments. Open to sophomores, juniors, and seniors. Three hours, first half-year. Tu. 10, Th. 10, S. 10. Professor Cooper.

2. Educational psychology. The purpose of this course is to consider carefully and critically the laws of mental life in their relation to the work of teaching and managing children and young people. Open to those who have had the course in psychology 1 or its equivalent, and who are looking forward to the work of teaching. Lectures and assigned readings. Three hours, second half-year. Tu. 19, Th. 10, S. 10. Professor Cooper.

3. Genetic psychology. (a) A comparative study of the animal mind with special reference to the development of the mind of the child. (b) A study of the adolescent period. Open to qualified seniors. Two hours. Th. 2-4. Professor Doster.

4. The abnormal child. This course will treat of the subnormal and supernormal child. Tests will be given to determine the causes of these deviations and a study will be made of their proper treatment. Special attention will be given to the Binet-Simon Scale for Measuring Intelligence. Open to seniors and graduates. Two hours, first half-year. M. 2, F. 2. Professor Cooper.



## PHILOSOPHY

1. History of philosophy. The aim of this course is to acquaint the student with the fundamental conceptions of philosophy, and with the repeated efforts made by man to arrive at a conception of the universe and thus to interpret his own life. Beginning with a brief introduction to philosophy the subject is taught in close connection with the history of culture, both ancient and modern, by means of lectures and text-books. Elective to juniors and seniors. Three hours, first half-year. M. 11, W. 11, F. 11. Professor Cooper.

2. Logic. An elementary course in deductive and inductive logic designed to acquaint students with the fundamental laws of thought, and at the same time to aid in the formation of habits of clear thinking and logical expression. Elective to sophomores, juniors, and seniors. Three hours, second half-year. M. 3, W. 3, F. 3. Professor Cooper.

3. Ethics. A brief course in ethics designed to direct the attention of students to the science of the ideal in human life and behavior, and its practical relation to life. Lectures, reports, and recitations. Elective to juniors and seniors. Three hours, second half-year. M. 11, W. 11, F. 11. Professor Cooper.

## UNIVERSITY SUMMER SCHOOL

Under financial provisions made by special enactment of the legislature of Alabama in 1903, and through the generosity of the Board of Trustees of the University of Alabama, a summer school for teachers is annually conducted at the University of Alabama. This summer school begins each year shortly after the close of the regular session and continues for six weeks.

# College of Engineering

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D.,  
President.

GEORGE JACOB DAVIS, Jr., C. E.,  
Dean.

## FACULTY

### OFFICERS OF INSTRUCTION IN COLLEGE OF ENGINEERING

HAROLD B. LITCHMAN, S. B.,  
Professor of Mining Engineering.

GUSTAV WITTIG, E. E.,  
Professor of Physics and Electrical Engineering.

STEWART J. LLOYD, M. Sc., Ph. D.,  
Professor of Chemistry and Metallurgy.

SHALER C. HOUSER, C. E.,  
Professor of Engineering.

GEO. JACOB DAVIS, Jr., C. E.,  
Professor of Civil Engineering.

JOHN M. GALLALEE, M. E.,  
Professor of Mechanical Engineering.

CHARLES D. RIDDLE,  
Fellow and Assistant in Civil Engineering.

CHARLES A. LONG,  
Fellow and Assistant in Mechanical Engineering.

ARCHIE G. RIDDICK,  
Assistant in Engineering.

J. HERBERT JONES,  
Assistant in Mechanical Engineering.

OFFICERS OF INSTRUCTION FROM COLLEGE OF  
ARTS AND SCIENCES

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics.

CHARLES H. BARNWELL, A. M., Ph. D.,  
Professor of English.

GEORGE G. BROWNELL, A. M., Ph. D.,  
Professor of French.

EDWIN H. FOSTER, A. M.,  
Professor of German.

WILLIAM F. PROUTY, M. S., Ph. D.,  
Professor of Geology.

LEE BIDGOOD, A. M.,  
Professor of Economics.

FREDERICK G. STICKNEY, A. M.,  
Adjunct Professor of English.

JACK P. MONTGOMERY, A. M., Ph. D.,  
Adjunct Professor of Chemistry.

DINSMORE ALTER, M. S.,  
Adjunct Professor of Physics and Astronomy.

ROBERT T. MILNER,  
Assistant Professor of Mathematics.

THOMAS J. LESLIE,  
Assistant in Mathematics.

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GENERAL INFORMATION

The college of engineering was founded in 1881 and has steadily developed into a complete polytechnic school which at present comprises the departments of chemical, civil, electrical, mechanical and mining engineering. Its courses are planned to supplement the instruction furnished by the better high schools with additional instruction in English and foreign languages; with thorough training in the fundamental sciences of mathematics, physics and chemistry, and with the application of the principles of the sciences to the design, construction and operation of engineering works. The mathematical and theoretical courses predominate in the

earlier years, while a reasonable amount of specialization is allowed in the latter years. Two-year courses designed to fit students for minor positions in the technical world are also offered by the college.

The location of the university in the mineral district of Alabama is especially fortunate for the engineering student. Extensive coal beds underlie the campus, and coal and iron mines, blast furnaces, foundries, saw mills, and other important manufacturing works are in operation within a ten-minutes' ride. Nearby also are deposits of building stones, clays, graphite, and lignite. No other school has so readily accessible the variety of mining operations, mineral products, and metallurgical and manufacturing plants. Two of the U. S. Government locks and dams on the Warrior River on the northern boundary of the campus and an enormous hydro-electric plant being developed within a few miles of the university are of instructional value, while the four railroads that enter the city afford civil engineering students numerous illustrations of railroad and bridge problems.

The mild and healthful climate makes it possible to conduct field courses at all times.

### BUILDINGS

The exceptional natural advantages of the college do not excel the completeness of the buildings, equipment and other facilities provided for engineering instruction.

#### COMER HALL

The engineering building, constructed in 1909, has been named Comer Hall in honor of Braxton Bragg Comer, ex-governor of the state of Alabama. This splendid edifice, finished on the exterior with light colored pressed brick and cut stone, and modern in every appointment, is designed to meet the growing demands of the college. The building has extreme dimensions 319 feet north and south and 235 feet east and west. The south wing and south portion of the main axis is devoted to physics and electrical engineering on the first floor,



while the second floor of this part of the building accommodates the engineering library, engineering dean's office, recitation rooms and drawing rooms for civil, electrical and mining engineering. The central portion of the building accommodates the power plant, including the boiler room, engine and dynamo room, heating and pumping machinery, coal handling and gas producer plant. The mining and metallurgical laboratories, concentrating plant for coal and ores, assay furnaces and machinery for gold mining and ceramics, occupy the entire west wing.

The north central portion is especially designed to accommodate heavy testing machinery, provision being made for traveling overhead crane, while a standard gauge track connects the laboratory with the main line of the Alabama Great Southern, Louisville and Nashville, Mobile & Ohio, Warrior Southern, and Birmingham and Gulf railroads, thus permitting the heaviest test pieces to be handled direct from cars to testing machines. The first floor of the north wing contains the road testing and cement testing laboratories, wood shop, machine shop, transmission and power laboratory, and mechanician's quarters.

The second floor, north wing, accommodates the recitation rooms, drawing rooms, and professor's offices of the department of mechanical engineering, museum, and technical society room. A large lecture room, especially fitted for stereopticon and projectoscope use, is provided on the second floor of the north central portion of the building. A printing room, storage and dark rooms are also provided on the second floor of the north wing.

#### FOUNDRY

The blacksmith shop and foundry of the department of mechanical engineering are housed in a brick building within 200 feet of the main building.

## HYDRAULIC LABORATORY

The waters of University branch are utilized by the construction of a concrete dam and laboratory giving an effective head between water level of dam and tail race of 15 feet. The building is constructed of concrete and is 30 feet by 48 feet in dimensions.

## LABORATORY EQUIPMENT

## HYDRAULIC LABORATORY

The hydraulic laboratory contains a special Trump turbine with plate glass manhole covers and fitted in every respect as a high duty motor, a Rumsey triplex pump, a two stage centrifugal pump of 500 gallons per minute capacity, direct connected to a 40 h. p. d. c. motor, weirs and other apparatus.

## POWER PLANT AND SPECIAL LABORATORIES

The power plant located in the engineering building consists of a battery of water tube boilers of 300 horse power capacity, fitted with underfed stokers and Burke furnace, and one 250 horsepower Erie City boiler, fitted with a Green chain stoker; one 35 horse power Fairbanks-Morse & Co. producer gas plant. The engine room contains one 160 horse power Reynolds Corliss engine, direct connected to a 125 K. W. Bullock 220 volt direct current generator; one automatic high speed engine belt connected to a Wesco d. c. generator; one 30 K. W. generator belt connected to a producer gas engine. This power plant furnishes light for all the campus buildings and grounds, and power for the various engineering laboratories and buildings for elevator and motor service.

## LABORATORY FOR PHYSICAL TESTS

This laboratory, designed for the study and tests of iron, steel, wood, cements, and concretes, contains the following equipment: One 200,000 pounds capacity Olsen's latest improved universal testing machine of the

four screw type, automatic and autographic direct driven by variable speed direct current motor; one 30,000 pounds capacity universal testing machine with dial vernier beam direct driven by motor; one Olsen torsion testing machine of 60,000 pounds capacity with direct connected variable speed motor; one transverse testing machine with combined deflection instrument; one Olsen compression and extension micrometer; one cylindrical compression micrometer; one Olsen latest type wire testing machine of 10,000 pounds capacity, with dial vernier screw beam reading to full capacity of machine; one wire extensometer; one traction dynamometer of 5,000 pounds capacity; one absorption dynamometer; one 25 horse power Prony brake; one Purdue University impact machine.

#### CEMENT TESTING LABORATORY

This laboratory, designed for making standard tests of cements and plastic materials, has ample capacity for the accommodation of students, equipment, storage of materials and test pieces, conditions that do not usually obtain in laboratories of this kind. Besides the usual small appliances and special apparatus for specific gravity, absorption, shrinkage, void tests, etc., the laboratory contains one Olsen automatic motor drive tension and flexure machine of 2,000 pounds capacity; one 1,000 pounds capacity automatic shot testing machine; one impact testing machine for cement and macadam testing according to standard specifications of the American Society for Testing Materials; standard steaming apparatus; soapstone moist closets; special gang moulds, and the tools and appliances usual in this laboratory.

#### ROAD MATERIALS LABORATORY

This laboratory, in connection with the physical and cement testing laboratories, the geological department of the University, and the state geological survey collections and equipment, is intended to afford every possible facility for the study of the road materials of Alabama and to furnish students with a research laboratory as

well as instruction in the physical properties and usefulness of various kinds of road materials. The laboratory contains the following special testing machines: One Ballintine hardness tester; one three gang abrasion cylinder of French type direct connected to d. c. motor; one abrasion cylinder, Olsen make, of latest standard type, motor driven direct connected, and one Riehle ball mill. The laboratory also contains a collection of various types of pavement and sidewalk materials and road metals.

#### MINING ENGINEERING LABORATORY

The mining laboratory has a floor space of 100x50 feet, and is 30 feet to roof trusses. There is also a basement 50x50 feet, thus providing ample room for present and future needs.

The laboratory contains the ore concentrating plant, the assay laboratory, and provisions have been made for future installations along metallurgical and ceramic lines. Suitable apparatus for the analyses of products and for research work is provided.

The concentration plant is equipped for the testing and working of ores and coal on both small and commercial scales. It contains a Blake rock crusher; gear and belt-driven rolls; disintegrating screens; trommels; sizing screens; Pierce amalgamator; Hartz jig; New Century differential jigs; Bull jig; coal jig; New Century fast motion jig for fines; Wilfley No. 5 concentrating table; 6 ft. Allis-Chalmers suspended vanner; Richards vortex classifier; Callow tank, elevators, pumps, and other necessary apparatus for handling material to and from the various machines. By a system of cut-outs and launders it is possible to run the machines in a variety of combinations, allowing a great range of treatments to be given ores and coals, and as the machines are full size, and standard makes, results may be obtained directly applicable to commercial work. In addition to the full size machines numerous model machines and ap-



paratus are available for experimental work. The machinery is operated by motors, current being furnished by the central power plant.

Numerous blue prints, illustrating the design of concentrating plants, and ore dressing, and mining machinery, are also a part of the equipment.

#### ELECTRICAL ENGINEERING LABORATORY

The electrical engineering laboratory occupies a room having a floor space of 2,700 square feet on the ground floor of Comer Hall. It is adjacent to the main lecture room on one side and to the University power plant, from which current is obtained, on the other. The equipment consists of various pieces of direct and alternating current apparatus, sufficient to illustrate the working of practically every important type of electrical machinery in common use. For direct current this includes shunt motors, a variable speed interpole motor, a street railway or crane type series motor with drum controller and generators for alternating current, a one, two, and three phase rotary converter, an alternator, a variable speed induction motor, a self-starting single-phase motor, and a number of transformers. A supply of the most modern measuring instruments in a wide variety of sizes, with incidental equipment of rheostats, lamp-banks, brakes, and tachometers provides the students with all needed facilities for studying the performance and carrying on tests of electrical machinery under diverse conditions. A collection of types of lamps is being secured to illustrate this important branch of applied electricity. The laboratory has its own switchboard, so arranged that machines may be connected to the line or interconnected in any desired manner.

In addition the entire equipment of the power station, with three large engine-driven generators, two balancer sets and accessory appliances, is available for demonstration and experimental purposes.

On the first floor of Comer Hall, in conjunction with the electrical portion of the equipment of the physics

department facilities are provided for accurate measurements of electrical quantities, the calibration and standardization of meters, and other experimental work not necessitating the use of heavy machinery.

#### STEAM ENGINEERING LABORATORY

The large units in the engine room of the power plant are used in connection with the smaller engines, pumps, compressors, etc., in this laboratory located on the first floor of the north wing of the engineering building. The laboratory is well supplied with apparatus for tests and instructional purposes in steam engineering, such as indicators, gauges, gauge testers, recording gauges, hook gauges, draft gauges, speed counters, planimeters, calorimeters, pyrometers, injectors, a Thurston oil tester, a viscosimeter, and a complete line of steam fitters' and machinists' tools.

#### SHOPS

The equipment of the wood shop includes circular saw, band saw, jointer, trimmer, wood turning lathes, work benches, and a sufficient number of hand tools so that each student can have a complete set for his own use during his shop period.

All the shops of the mechanical department are run by d. c. motors and counter-shafts or by direct motor drives on the machines.

The machine shop contains engine lathes, planer, upright drill, shaper, milling machine, hoists, and a large collection of hand tools, benches, and lathes for student use.

#### SURVEYING EQUIPMENT

The college is well supplied with field equipment for the departments of civil and mining engineering, including appliances and instruments for making reconnaissance in topographical, hydrographical, and mining surveys, railroads, etc., such as mountain, solar, and mining transits; levels, plane tables, compasses, planimeters,

pantographs, computing machines, recording thermometers, barometers, sextants, clinometers, telemeters, rods, tapes, etc.

#### MUSEUM OF THE COLLEGE OF ENGINEERING

The museum contains a collection of American photographs of engineering works, during the process of construction, blue prints and drawings showing the improvements of the rivers of the United States made by U. S. engineers; a large collection of governmental maps from the department of the U. S. coast and geodetic survey, U. S. army, and U. S. geological survey; a collection of Schroeder models in descriptive geometry and stereotomy; a collection of actual sections in iron and steel, such as rails, eye bars, tees, channels, rail joints, tie plates; a collection of road and street paving materials.

#### LIBRARY

In addition to the University library which is open to all students, the engineering library affords a substantial reference and working library in all the fields of engineering. All the leading technical journals and magazines are on file.

#### REQUIREMENTS FOR ADMISSION

The methods of and requirements for admission to the freshman class in the college of engineering are the same as those for admission to the B. S. course in the college of arts and sciences. See page 56.

*Special Students*—Persons 20 years of age and over, who do not possess all of the requirements for admission and are not candidates for a degree are permitted to take such studies as they are prepared for.

#### FEES

A fee of \$3.00 a term is required of all freshmen, sophomores, and special students, including students in the college of arts and sciences, who take any of the lab-

oratory, field or drawing courses. For juniors and seniors the fee is \$5.00 a term. Any person doing special work in any of the laboratories will be charged a sum equal to the cost of the materials consumed.

### ENGINEERS' CLUB

The engineers' club plays an important part in the education of the students of the college of engineering, by affording opportunities for social intercourse, practice in public speaking, and experience in organization and administration. The membership of the club, which was organized February 18, 1913, now embraces a majority of the engineering students. The club occupies a commodious and well furnished room in Comer Hall. Addresses are made by the students or by special lecturers at the bi-weekly meetings which are followed by social sessions. During 1912-13 inspection trips were made, under the auspices of the club, to various industrial plants and construction works in adjoining cities.

### SPECIAL LECTURES

Special lectures were given, under the auspices of the engineers' club, during 1912-13 by Mr. Jonathan Haralson, of Birmingham, on the Edison storage battery; by Mr. J. G. Henninger of the Buckeye Lamp Works, on illumination; by Dr. Eugene A. Smith, on the history of the college of engineering; by Dean Geo. Jacob Davis, Jr., on municipal engineering; and by Professor G. F. Wittig, on engineering ideals.



## Courses of Study and Degrees

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The college of engineering offers six systematic four-year courses leading to the B. S. degree.

Chemical Engineering,  
Civil Engineering,  
Electrical Engineering,  
Highway Engineering,  
Mechanical Engineering,  
Mining Engineering.

Students who complete any of the above four-year courses are graduated with the degree of Bachelor of Science, the diploma containing a specific designation of the course taken.

### GRADUATE WORK

*Master's Degree.*—The degree of *Master of Science* may be conferred upon graduates of the engineering courses, in place of the professional degree, under the same requirements as apply to graduates of the college of arts and sciences. See page 88.

*Professional Degrees.*—The degrees of *Chemical Engineer*, *Civil Engineer*, *Electrical Engineer*, *Mechanical Engineer*, and *Engineer of Mines* are conferred as second degrees upon bachelors of science in the chemical, civil, electrical, mechanical and mining engineering courses respectively, (a) upon engineering graduates of approved institutions who pursue advanced professional study at the University for a period of not less than one year, or (b) upon graduates of the college of engineering of the University of Alabama who have spent three years in professional work, at least one of which must have been in a position of responsibility and who present a satisfactory thesis. Theses submitted by candidates for professional degrees should embody the results of origi-

nal investigations or show the ability of the candidates to design and execute engineering works.

Candidates for professional degrees, under option (a), must elect from certain designated and approved courses work to the amount of 12 hours, 6 of which shall be chosen from the following list of courses of major rank in the college of engineering. The remaining 6 hours may be chosen either from this list of courses or from the list of graduate courses in the college of arts and sciences, but at least three hours of the minor must be cognate with the major work. Additional requirements for graduate work are stated on page 88.

Courses of major rank in the college of engineering:  
Chemical Engineering 3, 6, 7, 8, 11, 12, 13.  
Civil Engineering 6, 7, 8, 9a, 15, 16, 17, 21, 22.  
Electrical Engineering 1, 3, 4, 21, 22, 24.  
Engineering Jurisprudence 1.  
Mechanical Engineering 4, 5, 6, 7, 8, 9, 12.  
Mechanics 2, 5, 6, 7.  
Mining Engineering 1, 2, 4, 5, 6, 8.  
Surveying 2, 3, 4.

#### DEPARTMENT OF CHEMICAL ENGINEERING

The purpose of the course in chemical engineering is to provide such instruction in the various branches of chemistry as will enable the graduate to do effective and intelligent work in the development of the numerous and growing chemical and metallurgical industries, such as the manufacture of cements, sulphuric acid, sugar, starch, of iron and steel and other metallurgical products, and of coke, charcoal, etc., with their by-products. It must be emphasized that although thorough training in analytical chemistry is given, the purpose of the course is not to turn out men who are analysts only, but who can design and oversee the erection of new buildings, and direct the installation and use of machinery. Hence the course of study combines a considerable amount of pure engineering with the maximum amount of chemical training which can be attained in the time allowed.

The course has also in view the requirements of those intending to devote themselves to the study of water supply and its purification, and to the related subject of sewage treatment, two problems of growing importance.

### CHEMICAL ENGINEERING COURSE

A four-year course leading to the B. S. degree

#### FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
84	Algebra, Trigonometry .....	Math. 1, 3	3	3
77	Foreign Language .....	French 1 German 1, or Latin 1	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 1, 3	3	3
72	General Inorganic Chemistry....	Chemistry 1	4	4
133	Elementary Surveying .....	Surveying 1	2	2
			19	19

#### SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
78	Mineralogy .....	Geology 1	3	3
85	Analytic Physics .....	Physics 2	4	4
128	Descriptive Geometry .....	Drawing 5	4	.....
72	Advanced Inorganic Chemistry..	Chemistry 2	4	4
72	Quantitative Analysis .....	Chemistry 3	.....	3
			18	19

#### JUNIOR YEAR

84	Calculus .....	Math. 5	4	4
78	General Geology .....	Geology 2	4	4
131	Statics, Dynamics .....	Mech. 1,4	.....	5
130	Steam and Other Engines.....	M. E. 5	3	.....
72	Quantitative Analysis .....	Chemistry 3	3	.....
72	Organic Chemistry .....	Chemistry 4	4	4
			18	17

CHEMICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
79	Economic Geology .....	Geology 4	2	2
128	Electrical Machinery .....	E. E. 1	4	4
129	Electrical Laboratory .....	E. E. 4	1.5	1.5
126	Technical Chemistry .....	Ch. E. 5	2	2
73	Physical Chemistry .....	Chemistry 11	3	.....
126	Electro-chemistry .....	Ch. E. 13	.....	3
74	Elementary Economics .....	Economics 1	3	3
			18.5	18.5

## DEPARTMENT OF CIVIL AND HIGHWAY ENGINEERING

The instruction in civil engineering is designed to impart to the student a broad grounding in the principles underlying a practical working knowledge of all engineering and to train him in the essential subjects which will enable him, after acquiring a due amount of experience, to plan and execute structures and works of the kind usually committed to civil engineers, such as steel and masonry bridges and buildings, railway structures, hydraulic, sanitary and municipal works, and topographical and geodetic surveys; and to develop the executive ability necessary for the successful management of large industrial enterprises and of the construction of large government, corporation and public works.

## HIGHWAY ENGINEERING

Universal interest in the subject of good roads has created a demand for men trained in the arts of road location, construction and maintenance. To fulfill this demand the subjects of road location and construction, paving materials, and pavement construction and the design of highway culverts and bridges have been incorporated in the four-year civil engineering course.



## CIVIL AND HIGHWAY ENGINEERING COURSE

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
77	Foreign Language .....	French 1	3	3
		German 1, or		
		Latin 1		
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 1, 3	3	3
133	Elementary Surveying .....	Surveying 1	2	2
			18	18

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
85	Analytic Physics .....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Descriptive Geometry .....	Drawing 5	4	.....
128	Topographical Drawing .....	Drawing 6	.....	2
133	Advanced and Railway Surveying .....	Surv. 2, 3	3	3
			18	18

## JUNIOR YEAR

84	Calculus .....	Math. 5	4	4
78	General Geology, Petrology .....	Geology 2, 3	4	2
131	Statics, Dynamics .....	Mech. 1, 4	.....	5
126	Railroad Engineering .....	C. E. 6, 7	3	3
127	Roads and Pavements.....	C. E. 17	2	.....
130	Steam and Other Engines.....	M. E. 5	3	.....
128	Electrical Machinery .....	E. E. 1	4	4
			20	18

CIVIL AND HIGHWAY ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials.....	Mech. 2	5	.....
131	Materials of Construction.....	Mech. 5, 6	2	2
131	Hydraulics, Hydrometry .....	Mech 7, 9	2	1
127	Theory of Structures, Details....	C. E. 8, 9a	4	2
127	Municipal Engineering .....	C. E. 16	.....	3
127	Water Power Engineering.....	C. E. 15	.....	3
127	Masonry .....	C. E. 21	.....	2
127	Reinforced Concrete .....	C. E. 22	.....	2
128	Engineering Jurisprudence .....	Eng. Jur. 1	2	.....
74	Elementary Economics .....	Economics 1	3	3
			18	18

## DEPARTMENT OF ELECTRICAL ENGINEERING

It is the purpose of this department to offer that theoretical and practical instruction which is necessary for the professional electrical engineer, giving the student scientific training that shall enable him to participate successfully in the rapid developments in applied electricity now going on in the South, as shown by the increasing utilization of water power and the employment of electrical energy in the industries.

Instruction is by lecture, recitation, and conference, together with shop, laboratory, and design practice, particular emphasis being laid on the individual examination, operation, and test of commercial electrical apparatus and machinery, and the preparation therefrom of descriptive reports.

## Electrical Engineering Course

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
77	Foreign Language .....	French 1	3	3
		German 1, or		
84	Algebra, Trigonometry .....	Latin 1	3	3
84	Elementary Physics .....	Math. 1, 2	4	4
127	Elementary Drawing .....	Physics 1	3	3
133	Elementary Surveying .....	Drawing 2, 4	2	2
		Surveying 1	18	18

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
85	Analytic Physics .....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Descriptive Geometry .....	Drawing 5	4	.....
128	Freehand Sketching .....	Drawing 8	.....	2
129	Shopwork .....	M. E. 2, 3	3	3
			18	18

## JUNIOR YEAR

84	Calculus .....	Math. 5	4	4
131	Statics, Dynamics .....	Mech. 1, 4	.....	5
128	Electrical Machinery .....	E. E. 1	4	4
129	Electrical Laboratory .....	E. E. 4	1½	1½
130	Mechanism, Machine Design and Steam Boilers .....	M. E. 4	4	4
130	Steam and Other Engines.....	M. E. 5	3	.....
85	Electrical Measurements .....	Physics 4	2	.....
			18½	18½

ELECTRICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials .....	Mech. 2	5	.....
131	Materials of Construction.....	Mech. 6	.....	2
129	Alternating Currents .....	E. E. 21	4	.....
129	Electric Power Applications.....	E. E. 22	.....	4
129	Electrical Design .....	E. E. 3	2	2
129	Electrical Laboratory .....	E. E. 24	1½	1½
130	Mechanical Laboratory Practice	M. E. 6	2	.....
130	Power Plants .....	M. E. 9	.....	3
127	Water Power Engineering.....	C. E. 15	.....	3
74	Elementary Economics .....	Economics 1	3	3
			17½	18½

## DEPARTMENT OF MECHANICAL ENGINEERING

The courses offered are intended to give the student a general acquaintance with the principles of mechanical engineering. The practical work is planned to provide such training as will enable him to superintend the design, construction, and erection of machinery, and to solve the mechanical problems of transportation and public service; and also, to prepare such students as desire to go from college into the manufacturing business, with a practical knowledge of machinery, methods of shop management, and the economic problems that enter into all manufacturing enterprises.



## Mechanical Engineering Course

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
77	Foreign Language .....	French 1	3	3
		German 1, or		
		Latin 1		
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 2, 4	3	3
133	Elementary Surveying .....	Surveying 1	2	2
			18	18

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
85	Analytic Physics .....	Physics 2	4	4
72	General Inorganic Chemistry...	Chemistry 1	4	4
128	Descriptive Geometry .....	Drawing 5	4	.....
129	Shop Practice .....	M. E. 2, 3	3	3
128	Freehand Sketching .....	Drawing 8	1	2
			19	18

## JUNIOR YEAR

84	Calculus .....	Math. 5	4	4
131	Statics, Dynamics .....	Mech. 1, 4	.....	5
128	Electrical Machinery .....	E. E. 1	4	4
129	Electrical Laboratory .....	E. E. 4	1.5	1.5
130	Mechanism, Machine Design and Steam Boilers .....	M. E. 4	4	4
130	Steam and Other Engines.....	M. E. 5	3	.....
130	Mechanical Laboratory Practice	M. E. 6	2	.....
			18.5	18.5

MECHANICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials .....	Mech. 2	5	.....
131	Materials of Construction.....	Mech. 6	.....	2
131	Hydraulics, Hydrometry .....	Mech. 7, 9	2	1
127	Water Power Engineering.....	C. E. 15	.....	3
127	Theory of Structures .....	C. E. 8	4	.....
130	Steam Engines and Steam Tur-			
	bines .....	M. E. 7	3	.....
130	Power Laboratory Practice.....	M. E. 8	.....	3
130	Power Plants .....	M. E. 9	.....	3
130	Gas Engines, Air Compressors,			
	Refrigeration .....	M. E. 12	.....	3
128	Engineering Jurisprudence .....	Eng. Jur. 1	2	.....
74	Elementary Economics .....	Economics 1	3	3
			19	18

## DEPARTMENT OF MINING ENGINEERING

The course in mining engineering is designed to train the student to prospect; to distinguish and classify the useful minerals and rocks; to understand the geological principles that govern the formation and association of useful mineral products and to estimate their values; to study ores, coals, clays, oils, limes, gems, and fuels; to make surveys in mines and surface surveys and to study their relation; to make maps; to design mining, milling, and power plants; to study the laws of ventilation in mines; electricity and hydraulics as applied to mining engineering; to solve practical problems arising in actual mining work, and to assume places of responsibility and importance in the great development of the mineral resources of the country, and in the management of the great manufacturing industries.

## Mining Engineering Course

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
77	Foreign Language .....	French 1 German 1, or Latin 1	3	3
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 1, 3	3	3
133	Elementary Surveying .....	Surveying 1	2	2
			18	18

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
85	Analytic Physics .....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
78	Mineralogy .....	Geology 1	3	3
128	Descriptive Geometry .....	Drawing 5	4	.....
128	Topographical Drawing .....	Drawing 6	.....	2
132	Mining .....	Mining 1	1	1
			19	19

## JUNIOR YEAR

84	Calculus .....	Math. 5	4	4
78	General Geology .....	Geology 2	4	4
72	Qualitative Analysis .....	Chemistry 2	4	.....
131	Statics, Dynamics .....	Mech. 1, 4	.....	5
79	Petrology .....	Geology 3	.....	2
132	Mining .....	Mining 2	2	3
132	Coal Mining and Mine Plant.....	Mining 3	3	.....
133	Mine Surveying .....	Surveying 4	1	.....
			18	18

MINING ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials .....	Mech. 2	5	.....
131	Materials of Construction .....	Mech. 5, 6	2	2
79	Economic Geology .....	Geology 4	2	2
72	Quantitative Analysis .....	Chemistry 3	3	3
132	Mine Management and Acc'ts....	Mining 4	.....	3
132	Ore Dressing .....	Mining 5	3	.....
132	Theoretical Ore Dressing.....	Mining 6	.....	3
132	Technical Abstracts & Problems	Mining 7	.....	2
132	Mining Assaying .....	Mining 8	.....	3
74	Elementary Economics .....	Economics 1	3	.....
			18	18

## TWO-YEAR TECHNICAL COURSES

Short courses are provided for those who can devote only a limited time to study, and who desire the greatest amount of directly useful knowledge that can be acquired in the brief time allowed. The courses extend over two full college years and embrace all of the studies of the first year of the engineering courses, with the exception of foreign language, and also a number of the applied engineering subjects, but they are not engineering courses and do not lead to the professional degree. The courses do not give the student the training necessary to design structures or works, and those who can devote the necessary time are urged to get the complete training given in the four year engineering courses.

## Civil Group

## Road Building, Surveying and Drafting

This group of studies is planned to prepare the student for such technical positions as structural and topographical draftsman, land, city, topographical and railroad surveyor; superintendent of road and pavement construction, etc.



## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 1, 3	3	3
133	Elementary Surveying .....	Surveying 1	2	2
78	General Geology .....	Geology 2	4	.....
79	Petrology .....	Geology 3	.....	2
			19	17

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
133	Advanced and Railroad Surveying .....	Surv. 2, 3	3	3
128	Topographical Drawing .....	Drawing 6	.....	2
130	Steam and Other Engines .....	M. E. 5	3	.....
85	Analytical Physics .....	Physics 2	4	4
127	Roads and Pavements .....	C. E. 17	2	.....
132	Mining .....	Mining 1	1	1
74	Elementary Economics .....	Economics 1	3	3
			19	18

## Electrical Group

This group of studies is designed to fit men for such positions as power plant assistant, mill electrician, etc.

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 2, 4	3	3
133	Elementary Surveying .....	Surveying 1	2	2
129	Shopwork .....	M. E. 2, 3	3	3
			18	18

ELECTRICAL GROUP (*Continued*)

## SOPHOMORE YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
84	Analytical Geometry .....	Math. 4	3	5
85	Analytical Physics .....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Electrical Machinery .....	E. E. 1	4	4
129	Electrical Laboratory .....	E. E. 4	1½	1½
130	Steam and Other Engines.....	M. E. 5	3	.....
			19½	18½

## Mechanical Group

This group of studies is designed to fit men for such positions as engineering draftsman, assistant shop foreman, power plant attendant, etc.

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 2, 4	3	3
133	Elementary Surveying .....	Surveying 1	2	2
129	Shop Work .....	M. E. 2, 3	3	3
			18	18

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
85	Analytic Physics .....	Physics 2	4	4
130	Mechanism, Machine Design and Steam Boilers .....	M. E. 4	4	4
130	Steam and Other Engines.....	M. E. 5	3	.....
128	Electrical Machinery .....	E. E. 1	4	4
128	Freehand Sketching .....	Drawing 8	1	2
			19	19

## Mining Group

This group of studies is designed to fit men for such positions as mine and quarry superintendent.

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition .....	English 1	3	3
84	Algebra, Trigonometry .....	Math. 1, 2	3	3
84	Elementary Physics .....	Physics 1	4	4
127	Elementary Drawing .....	Drawing 1, 3	3	3
133	Elementary Surveying .....	Surveying 1	2	2
78	General Geology .....	Geology 2	4	.....
79	Petrology .....	Geology 3	.....	2
			19	17

## SOPHOMORE YEAR

84	Analytic Geometry .....	Math. 4	3	5
133	Mine Surveying .....	Surveying 4	1	.....
128	Topographical Drawing .....	Drawing 6	.....	2
85	Analytic Physics .....	Physics 2	4	4
132	Mining .....	Mining 1	1	1
132	Mining .....	Mining 2	2	3
132	Coal Mining and Mine Plant....	Mining 3	3	.....
	Mine Management and Acct's....	Mining 4	.....	3
132	Ore Dressing .....	Mining 5	3	.....
			17	18

# Courses of Instruction

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## CHEMICAL ENGINEERING

PROFESSOR LLOYD

5. *Technical Chemistry*. A discussion of materials and processes employed in chemical industries; evaporators, filter presses; transference of corroding materials; designs of stills, etc. Two lectures.

6. *General Metallurgy*. Two lectures and one laboratory period.

7. *Metallurgy and metallography of iron and steel*. Two lectures and one laboratory period, first half-year.

8. *Assaying*. Fire assay of gold, silver and platinum, and quantitative examination of metallurgical products. One double laboratory period, second half-year.

12. *Special Methods of Analysis*. Two laboratory periods.

13. *Electro-chemistry*. Three lectures second half-year.

14. *Technical Reports*. One hour.

See also page 72.

## CIVIL ENGINEERING

PROFESSOR DAVIS

PROFESSOR HOUSER

6. *Railroad Engineering 1*. A course describing the permanent way and discussing the principles governing the design of the grade line of a railroad. Lectures, recitations and drafting. Three hours credit. First half-year.

7. *Railroad Engineering 2*. Economics of the location and construction of railroads. Location, construction and betterment surveys. Lectures, recitations, drafting and field practice. Three hours credit. Second half-year.



8. *Theory of Structures.* A study of graphical and algebraic methods of determining the stresses in simple structures of various kind, principally roofs and bridges. First half-year. Four hours credit.

9a. *Structural Details.* The designing of structural elements and of simple trusses in wood and steel. Prerequisite, Mechanics 2 and C. E. 8. Second half-year. Two hours credit.

15. *Water Power Engineering.* The theory, investigation and development of water powers. Lectures and recitations. Three hours credit. Second half-year.

16. *Municipal Engineering.* Town planning; the development of water supplies, the design of water works, sewerage systems and purification plants. Three hours credit. Second half-year.

17. *Roads and Pavements.* The location of country roads, and the design, construction and maintenance of pavements. Two hours credit. First half-year.

21. *Masonry.* A study of the materials and methods used in the design and construction of masonry structures and foundations. Two hours credit. Second half-year.

22. *Reinforced Concrete.* Theory and practice of the design of reinforced concrete structures. Analysis and design of typical structures. Two hours credit. Second half-year.

### DRAWING

PROFESSOR GALLALEE

PROFESSOR LITCHMAN

1. *Elementary drawing.* Orthographic projection, lettering and tracing. Three two-hour periods a week. Three hours credit. First half-year.

2. *Elementary drawing.* Similar to course 1 but specially arranged for students in electrical and mechanical engineering. Three two-hour periods a week. Three hours credit. First half-year.

3. *Elementary drawing.* Working drawings, sketching, tinting and blue-printing. Three two-hour periods a week. Three hours credit. Second half-year.

4. *Elementary drawing.* Similar to course 3 but specially arranged for students in electrical and mechanical engineering. Three two-hour periods a week. Three hours credit.—Second half-year.

5. *Descriptive geometry.* The representation of lines, planes, surfaces, and solids, and their relations, intersections, tangencies, and developments. Two recitations and two drawing periods a week. Four hours credit. First half-year.

6. *Topographical drawing.* Representation of surface forms by contours and by shading with pencil, pen, charcoal and colors. Topographical symbols, copying, enlarging and reducing maps, mapping of surveys. Two drawing periods a week. Two hours credit. Second half-year. Prerequisite, courses 1 or 2, and Surveying 1.

8. *Free-hand sketching.* Free-hand dimensional drawing of machine parts and complete machines. One hour, first half-year. Two hours, second half-year.

### ENGINEERING JURISPRUDENCE

PROFESSOR HOUSER

1. An elementary course in the law of contracts and other law subjects requisite to the successful practice of engineering. This course includes the preparation of engineering specifications. Two hours credit. First half-year.

### ELECTRICAL ENGINEERING

PROFESSOR WITTIG

E. E. 1. *Electrical Machinery.* Introductory study of operation, use and control of direct and alternating current machinery, instruments and other appliances. Four hours. Entire year. Prerequisite, Physics 2.

E. E. 3. *Electric Design.* Direct and alternating current appliances, such as switching and heating de-

vices, electro-magnets, rheostats, dynamos. Calculations and drawing four hours a week. Two hours credit. Entire year.

E. E. 4. *Electrical Engineering Laboratory Practice*. Operation and the simpler kinds of tests of various types of generators, motors, meters, transformers, lighting and other devices: written reports of all tests, to give practice in technical writing, including presentation of data in graphical form. Three hours a week. One and one-half hours credit. Entire year. Parallel or prerequisite, E. E. 1.

E. E. 21. *Alternating Currents*. Theory of alternating current circuits, including vector analysis, and application of theory to the performance of alternators, transformers, induction motors and convertors. Four hours. First half-year. Prerequisites, E. E. 1 and calculus.

E. E. 22. *Electric Power Applications*. A continuation of E. E. 21. Power generation, transmission, and utilization, with as much attention as time will permit to the broader economic aspects of questions involved. Prerequisite, E. E. 21. Four hours. Second half-year.

E. E. 24. *Electrical Engineering Laboratory Practice*. Senior course. Continuation and development of E. E. 4. Three hours a week. Experiments and reports. One and one-half hours credit. Entire year. Prerequisite, E. E. 4; parallel, E. E. 21.

## MECHANICAL ENGINEERING

PROFESSOR GALLALEE

MR. JONES

MR. LONG

M. E. 2. *Wood Shop and Foundry Practice*. Use of wood working tools, joinery, wood turning, pattern making, moulding, cupola practice. Three hours credit. First half-year.

M. E. 3. *Machine and Forge Shop Practice*. Use of hand and power machine tools, making machine parts.

Forging, hardening, tempering, welding. Three hours credit. Second half-year.

M. E. 4. *Mechanism, Machine Design and Steam Boilers.* Kinematics and geometry of machinery, methods of transmitting motion, gears, belts, linkages, cams, etc. Materials of machines, structural design of machine parts and of complete machines. Designing, making, managing and caring for boilers. Four hours credit. First and second half-year.

M. E. 5. *Steam and Other Engines.* Explanation of the elementary principles of science applicable to heat engines, description of the constructional details of typical engines and boilers. Three hours credit. First half-year.

M. E. 6. *Mechanical Laboratory Practice.* Calibration of instruments, tests with transmission and absorption dynamometers. Reports of tests. Two hours credit. First half-year.

M. E. 7. *Steam engines and steam turbines.* An explanation of three branches of the subject which are of fundamental importance to a sound knowledge of steam-engine and steam-turbine design and management. Prerequisite M. E. 5. Three hours credit. First half-year.

M. E. 8. *Power Laboratory Practice.* Six hours, second half-year. Three hours credit. Valve setting, calorimetry, engine and boiler tests, use of power plant equipment.

M. E. 9. *Power plants.* General layout of power plants, conditions governing choice of prime movers, relative cost of installation and maintenance, efficiency, cost of power. Prerequisite, M. E. 5. Three hours credit. Second half-year.

M. E. 12. *Gas Engines, Air Compressors, Refrigeration.* A study of the theory, design, and construction of gas engines and producers, air compressors, and refrigerating machinery. Prerequisite, M. E. 7. Three hours credit. Second half-year.



## MECHANICS

PROFESSOR DAVIS

PROFESSOR LITCHMAN

1. *Statics*. Composition, resolution and equilibrium of forces, center of gravity, etc., treated, as are the following courses, with special reference to the requirements of engineers. Five recitations a week, first ten weeks of second half-year. Three hours credit. Prerequisite, physics 2 and mathematics 5.

2. *Strength of materials*. Prerequisite course 1. First half-year. Five hours credit.

4. *Dynamics*. Prerequisite course 1. Last eight weeks of second half-year. Two hours credit.

5. *Materials of construction*. The testing of cements and the fabrication and testing of concrete. Four hours a week. Two hours credit. First half-year.

6. *Materials of construction*. A laboratory course in the testing of wood, stone, steel, and other building materials. Four hours a week. Two hours credit. Second half-year. Prerequisite, course 2.

7. *Hydraulics*. The elementary principles of the mechanics of fluids. Two hours credit. Prerequisite, courses 1 and 4. First half-year.

8. *Experimental hydraulics*. Laboratory investigation of the relation of experimental results to the theory of hydraulic machinery and of the flow of water under various conditions. The special field to be studied may be selected by the student, with the approval of the instructor. Prerequisite, course 7. Either half-year.

9. *Hydrometry*. The theory, calibration and use of instruments for hydraulic measurements. One laboratory period a week. One hour credit. Prerequisite, course 7. Second half-year.

## MINING ENGINEERING

PROFESSOR LITCHMAN

1. *Mining.* This course includes lectures on prospecting, drilling, blasting, boring, tunneling, shaft-sinking, etc. Instruction is by lectures, use of models, and occasional laboratory exercises. One hour a week.

2. *Mining.* This course is a continuation of Min. 1, and includes lectures on mining methods, timbering, haulage, hoisting, drainage, ventilation, lighting, accident, hygiene and sociology as related to mining. A short course in the fundamentals of mining law, and also courses in elementary hydraulics and in placer and hydraulic mining are included. Two hours credit, first half-year. Three hours credit, second half-year.

3. *Coal mining and mine plant.* This is a course of lectures on the mining, development and operation of coal, oil, and gas properties. The course must be preceded by Min. 1 and Min. 2, or equivalent. Lectures, three hours a week, first half-year, with visits to nearby mines.

4. *Mine management and accounts.* This course is planned to give the student an idea of the principles of management of mining enterprises, and reviews methods of organization and accounting, and presents economic problems in connection with mine management. The practice of examination and reporting is reviewed. Lectures and recitations, three hours a week, second half-year.

5. *Ore dressing.* This course presents the principles, methods, and mechanical appliances in use to-day for crushing, classifying, and concentrating the more important ores, and the washing of coals. Lectures, recitations and laboratory, three hours a week first half-year.

6. *Theoretical ore dressing.* This course is a continuation of Min. 5, and includes a study of the theory of ore dressing. Three hours a week, second half-year.

7. *Technical abstracts and technical problems.* The student is required to do considerable technical read-

ing, and prepares abstracts of articles appearing in the technical press. Articles are assigned for a weekly conference. Practice is given the student in concisely describing professional subjects, and also in solving problems of common occurrence. Lectures, conferences, and laboratory. Two hours credit. Second half-year.

8. *Mining assaying.* This is a course designed to familiarize the student with fire assaying. Assays of gold and silver ores, copper ores and products, lead, silver and gold bullions, cyanide solutions, furnace products, and lead ores are made. Lectures and recitations. Three hours credit. Second half-year.

### SURVEYING

PROFESSOR DAVIS

PROFESSOR HOUSER

MR. RIDDLE

1. *Elementary Surveying.* The adjustment and use of the compass, level, transit and minor surveying instruments. Plane surveying and leveling. Two hours credit each half-year.

2. *Advanced Surveying.* Stadia surveying. Measurement and calculation of areas and volumes. Determination of meridian and latitude. City surveying methods. Three hours credit. First half-year.

3. *Railroad Surveying.* An elementary course in railroad surveying covering curves, turnouts, "Y" tracks, crossings, earthwork, etc. Recitations and field practice. Three hours credit. Second half-year.

4. *Mine Surveying.* Field and office work for an underground survey. Prerequisite course 1. One hour credit. First half-year.

# School of Law

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, Ph. D., LL. D.,  
President.

ALBERT J. FARRAH, A. M., LL., B.,  
Dean.

## FACULTY

ALBERT J. FARRAH, A. M., LL., B.,  
Professor of Law.

EDMUND C. DICKINSON, A. B., J. D.,  
Professor of Law.

ADRIAN S. VAN DE GRAAFF, A. B., LL. B.,  
Professor of Law.

THOMAS B. WARD, A. B., LL. B.,  
Adjunct Professor of Law.

## HISTORICAL STATEMENT

The school of law of the University of Alabama was first opened in 1845, under the charge of Honorable Benjamin F. Porter. Work in it continued for one year only, when it was closed on account of lack of students. No further action was taken in the matter until 1872, when the present school was organized through the efforts of Honorable Henderson M. Somerville, who was placed in charge of the course of instruction. The course of study at that time covered a period of one year only, and no special academic training was required for admission. In 1897 the course of study was extended to two years. Since 1908 the requirements for admission to the school of law have been the same as in the college of arts and sciences. It is planned to extend the law course to three years in the near future.

It is the purpose of the school of law to prepare its students to practice their profession and it does this by



means of the practical instruction and training it gives them in general legal principles and the art of legal practice. While the basis of the instruction is the general principles of English and American jurisprudence, particular stress is placed upon the statutory changes and judicial modifications that have been made to the common law in Alabama. This course is pursued in many of the subjects in the curriculum, but it is especially emphasized in pleading, evidence, real property and domestic relations. It is the aim of the law faculty to give such training and instruction as will fit young men for the active duties of the office and the courtroom, and, at the same time, to impress upon them, in the lecture rooms and in private, an exalted idea of the ethics of the profession, without which a knowledge of law is a danger to the individual and to the state.

The superior advantages to be derived from being educated in the state of the student's intended residence are too frequently overlooked, until learned in mature years, when too late. To no one does this truth apply with so much force as to the law student. The acquaintances formed and the friendships cemented by him during a University course pursued in his own state are capable of the most pleasant and profitable utilization.

#### ADVANTAGES OF LAW SCHOOL OVER LAW OFFICE

Undoubtedly the great progress in legal education in the United States during the last quarter of a century is shown as much by the increase in numbers and efficiency of the American law schools as by any other means. In 1910 there were 108 law schools and 15,000 students, while in 1880 there were but 43 law schools and 3,000 students. These figures show the confidence of the bench and bar in law schools as an agency in legal education, because at least eighty per cent of those seeking admission to the bar each year are law school graduates. Moreover, it is patent to all that systematic instruction by experienced instructors will result in a more thorough and a more speedy preparation for the bar than

can come by "reading law" in a modern law office. The benefits of practical experience by a student in a law office are great, but they are immeasurably increased if the office experience is preceded by a thorough course in the general principles of the law. Each year, in all law schools, an increasing number of students is taking up the study of law as a preparation for a business career, on account of the practical benefits of a knowledge of the law and the discipline gained by its study.

### EQUIPMENT

The school of law occupies the entire third floor of the new Morgan Hall. This gives it lecture rooms, a reading room, a library room, consultation rooms for students, and an office for the dean and other members of the faculty. The building was erected in 1911 and was named in memory of the late lamented John Tyler Morgan. It is heated by hot water and lighted by electricity.

### THE LAW LIBRARY

The law library occupies a large, well lighted, well ventilated and handsomely furnished room, which has on its walls fine oil portraits of Honorable Henderson M. Somerville, the founder of the present school, the late Chief Justice Robert C. Brickell, and Honorable Thomas W. Coleman, a former Associate Justice of the Supreme Court of Alabama. It is hoped that portraits of all of the present and former members of this Court may be obtained for the library in the near future.

Law books are the working tools of the practicing lawyer. To teach the student how to use these tools, how to use the digests, encyclopaedias, and reports, is as much the proper work of a law school as to teach him the general principles of the law. All books in the library are accessible to all students during library hours, and their course is so arranged that they must become intimately acquainted with the library, the laboratory of the law school, in the performance of their daily work.

The law school is fortunate in possessing a fair working library of about 4000 volumes, and has on its shelves the following books: Several copies of the Alabama State Reports, Codes and Digests; the Lawyer's Reports Annotated, old and new series, with digests; the American Decisions, the American Reports and the American State Reports, with Digests; the English Ruling cases; the United States Supreme Court Reports, Annotated Statutes and digests; the American Digest System; some of the English Reports and many of the standard text-books and works of reference.

### ADMISSION

All applicants for admission to the school of law as candidates for a degree must be at least nineteen years of age and must satisfy the general entrance requirements of the University, viz., fourteen units of high school work. Of these fourteen units three must be in English and two in mathematics; the other nine may be elected at will from the list of subjects on page 59. Admission may be obtained either by certificate from an affiliated school or by examination at the University. Conditions to the extent of two units are allowed as in the college of arts and sciences. For further information see pages 58-63.

### ADMISSION TO ADVANCED STANDING

Applicants who have satisfactorily completed one year of resident work in a law school of good standing maintaining at least a two year course, will be given credit in this school for the subjects so completed, except common law pleading and evidence, upon presenting properly authenticated certificates of such work. *Advanced standing will be given only to such applicants as meet the conditions above set forth.*

### ADMISSION OF SPECIAL STUDENTS

Applicants who are at least twenty-one years of age and who are unable to comply with the entrance requirements in their entirety, may matriculate in the school of law and pursue such courses as the dean of the school of law may consider them able to take to advantage. No such applicant, however, will be enrolled as a candidate for a degree, unless he has satisfied all preliminary requirements for admission to the University, and this not later than the opening of the academic year in which he is an applicant for a degree.

### ADVANTAGES OF LOCATION

The location of the University in Tuscaloosa, the county seat of Tuscaloosa County, affords the law students especial opportunities to observe the procedure of the courts. The United States District Court holds at least two sessions each year at Tuscaloosa and the Tuscaloosa County Court, which has concurrent jurisdiction with the Circuit and Chancery Courts of the state, is in session during the entire school year. The Circuit and Chancery Courts hold two sessions each during the school year. The Municipal Court of Tuscaloosa and the Justice Courts of the city are open and in session constantly.

### SPECIAL LECTURES

In addition to the regular lectures of the school of law, special lectures are given from time to time by prominent members of the bench and bar. Legal ethics and various phases of the practice are thus considered. During the year just closed, the students in the school of law have been addressed by several members of the bench and bar of the state. A similar course of lectures will be arranged for the coming year.

### DEBATING SOCIETIES

It is important that those who study law with a view of becoming advocates should give attention to the subject of public speaking. It is a mistake to suppose



that excellency in public speaking is simply a gift of nature, and not the result of patient and persistent labor and study.

The Junior Law Forum is a debating society organized and maintained among the law students. Questions of general and special interest to the students as future members of the legal profession are here discussed. An opportunity is also afforded for the study of parliamentary law and drill in parliamentary practice. While the membership and work in this society are limited to students in the school of law, the members of the faculty give all the assistance and encouragement to the work that is possible.

#### COMBINED COURSE IN ARTS AND LAW

Seniors in the college of arts and sciences are permitted to elect, as part of the requirements for graduation in that college, courses from the first year's work in the school of law to an amount not exceeding six hours. The fees for such courses are as follows: for 5 to 6 hours of law work, \$8 a term; for 3 to 4 hours of law work, \$6 a term; for 1 to 3 hours of law work, \$4 a term.

#### UNIVERSITY PRIVILEGES

The advantages of the other departments of the University are open to such students in the school of law as desire and are able to utilize them. Courses in constitutional and political history, political economy, logic, and rhetoric are particularly recommended to law students. No extra charge is made for such courses.

#### THE COURSE OF STUDY

The course of study in the school of law is a graded one and covers a period of two years of thirty-six weeks each, exclusive of vacations. The academic year is divided into two half-years of eighteen weeks each. The following is a description of the different subjects in the course, the time given to each and the text-books used:

## JUNIOR YEAR

## FIRST HALF-YEAR

**Elementary Law:** This course involves a study of the elementary principles of the law. Textbook: Robinson's Elementary Law, First Edition. Four hours a week. Professor Dickinson.

**Contracts:** Nature of contract; offer and acceptance; form and consideration; capacity of parties; reality of consent; legality of object; operation, interpretation and discharge of contract; remedies for breach of contract; quasi contracts. Text-books: Clark on Contracts, Hufcut and Woodruff's Cases on Contracts and Civil Code of Alabama. Five hours a week. Professor Farrah.

**Torts:** History and definition; elements of torts; conflicting rights; parties to tort actions; remedies and damages; conflict of laws; method of discharge; false imprisonment; malicious prosecution and abuse of process; conspiracy; slander and libel; trespass; conversion; deceit; nuisance and negligence. Burdick on Torts, Burdick's Cases on Torts and Civil Code of Alabama. Four hours a week. Professor Dickinson.

**Criminal Law:** Nature of crime; common law and statutory offenses; mental elements in crime; insanity, intoxication, infancy, coercion, ignorance and mistake, as bearing on exemption from responsibility; necessity, justification, agency, consent, condemnation, and contributory acts; principals and accessories; classification and study of particular crimes; former jeopardy. Text-books: Clark on Criminal Law, selected Alabama Cases and Criminal Code of Alabama. Two hours a week. Professor Ward.

## SECOND HALF-YEAR

**Bailments and Carriers:** Nature and classification of bailments; rights and liabilities of parties; inn-keepers; liability, discrimination, compensation, and lien of carriers; duty of carriers of passengers to accept passengers; their accommodation, ticket, ejection and personal injuries; actions against carriers. Text-books: God-

dard's Bailments and Carriers, Goddard's Cases on Bailments and Carriers and Code of Alabama. Two hours a week. Professor Dickinson.

Domestic Relations: This course considers thoroughly the law of husband and wife, parent and child, guardian and ward, infancy, persons *non compos mentis* and aliens. Textbooks: Long's Domestic Relations, Cooley's Cases on Domestic Relations and Civil Code of Alabama. Two hours a week. Professor Ward.

Sales: Sale and contract to sell; statute of frauds; illegality; conditions and warranties; delivery; acceptance and receipt; vendor's lien; stoppage in transitu; bills of lading; remedies of seller and buyer. Text-books: Tiffany on Sales and Cooley's Cases on Sales. Two hours a week. Professor Dickinson.

Common Law Pleading: Definition and classification of actions; proceedings in an action; analysis of the declaration; Stephen's rules of pleading. Text-books: Shipman's Common Law Pleading and Code of Alabama. Four hours a week. Professor Farrah.

Equity Jurisprudence 1: Origin and history of Equity Jurisprudence; general maxims of equity; equitable estates, interests and primary rights, including an exhaustive study of trusts and the rights, powers, duties and liabilities of trustees. Text-books: Fetter's Equity Jurisprudence and Throckmorton's Cases on Equity Jurisprudence. Two hours a week. Professor Farrah.

Agency: Definitions and distinctions; purposes for which the relation of agency may be created, and how; who may be principal and agent; evidence of the existence of the relation; ratification; delegation of authority by agent; termination, nature and extent, construction and execution of the authority; rights, duties and liabilities of agent, principal and third person, the one to the other; particular classes of agents. Text-books: Mechem's Outlines of Agency and Mechem's Cases on Agency. Two hours a week. Professor Dickinson.

**Criminal Procedure:** Apprehension of persons and property; preliminary examination; bail and commitment; mode of accusation; time of prosecution; nolle prosequi; pleading, proof and variance; motion to quash; arraignment; demurrer and pleas of defendant; trial and verdict; proceedings after verdict; evidence; habeas corpus. Text-books: Criminal Code of Alabama and selected Alabama Cases. One hour a week. Professor Ward.

### SENIOR YEAR

#### FIRST HALF-YEAR

**Equity Jurisprudence II:** Accident, mistake and fraud; the remedies of specific performance, injunction, rescission and cancellation; notice; bona fide purchasers; equitable doctrines of estoppel, election, satisfaction, conversion and reconversion. Text-books: Fetter's Equity Jurisprudence and Throckmorton's Cases on Equity Jurisprudence. Two hours a week. Professor Farrah.

**Corporations:** Nature of a corporation; creation and citizenship of corporations; the corporation and the state; dissolution of corporations; membership in corporations; management of corporations; creditors of corporations, including their rights and remedies; foreign corporations. Text-books: Elliott on Corporations, Civil Code of Alabama and selected Alabama Cases. Three hours a week. Professor Dickinson.

**Equity Pleading:** Nature and object of pleading in equity; parties to a suit in equity; proceedings in a suit in equity; bills, disclaimers, demurrers and answers in a suit in equity. Text-book: Sims Chancery Practice. Two hours a week. Professor Farrah..

**Evidence:** Rules as to admission and exclusion of evidence; judicial notice; parol evidence rule; burden of proof and right to open and close; competency and examination of witnesses; production of documents, persons and things; direct examination, cross-examination and re-direct examination. Textbooks: Reynolds'



Theory of Evidence, Wigmore's Case on Evidence and Civil Code of Alabama. Four hours a week. Professor Vande Graaff.

Alabama Pleading and Practice: In this course the pleading and practice prevailing in Alabama at law are carefully considered through an exhaustive study of the Civil Code of Alabama and the rules of practice laid down by statute and by the Supreme Court. Two hours a week. Professor Vande Graaff.

Practice Court: This course continues one hour a week throughout the year. Professor Vande Graaff and Professor Farrah.

Damages: General principles; different kinds of damages; pleading and practice; breach of contract for sale of goods; actions against carriers; death by wrongful act; wrongs affecting real property; damages in tort actions; breach of promise to marry. Text-book: Mechem and Gilbert's Cases on Damages. Two hours a week. Professor Ward.

#### SECOND HALF-YEAR

Code of Alabama: This course is designed to take up and consider in a regular and systematic way the statutory changes that have been made in the common law in Alabama in each subject in the curriculum of the law school. Two hours a week for the second half-year. Professor Vande Graaff.

Partnership: Definitions and classifications; what constitutes a partnership; contract of partnership; firm name and good will; capital of firm; partnership property; rights and liabilities of partners among themselves and as to third persons; actions; dissolution; limited partnerships. Text-books: Mechem's Elements of Partnership and Mechem's Cases on Partnership. Two hours a week. Professor Farrah.

Real Property: In this course, attention is given to the different estates in real property both corporeal and incorporeal, in possession or in expectancy, whether in

fee, for life or for years, and remainders, executory limitations, dower and courtesy, as well as the modes of creating and transferring the different estates in real property. Liens on real property also receive careful attention. Text-books: Tiffany on Real Property, the Civil Code of Alabama and selected Alabama Cases. Four hours a week. Professor Vande Graaff.

Bills and Notes: Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, endorser, vendor, accommodator, assurer; proceedings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws. Text-books: Ogden on Bills and Notes, Civil Code of Alabama and selected Alabama Cases. Two hours a week. Professor Dickinson.

Federal Constitutional Law: United States and the States; establishment and amendment of the constitution; construction and interpretation of the constitution; three departments of government; Federal jurisdiction; powers of Congress; establishment of republican form of government; executive, judicial and legislative powers of the States; police power; power of taxation; right of eminent domain; civil rights, and their protection by the constitution; political and public rights; constitutional guarantee in criminal cases; laws impairing the obligation of contracts; retroactive laws. Text-books: Cooley's Principles of Constitutional Law and Boyd's Cases on Constitutional Law. Two hours a week. Professor Farrah.

Wills and Administration: Testamentary capacity and intent; wills distinguished from other dispositions of property; kinds of wills and testaments; execution, revocation, republication and revival of wills; grant and revocation of probate and of administration; payment of legacies and distributive shares. Text-books: Costigan's Cases on Wills, Civil Code of Alabama and selected Alabama cases. Two hours a week. Professor Dickinson.

Bankruptcy: This course is designed to give a careful study of the Federal Bankruptcy act of 1898 and

amendments thereto and some leading cases construing the several bankruptcy statutes. Practical instruction in the conduct of proceedings in bankruptcy will be given. One hour a week. Professor Dickinson.

### THE PRACTICE COURT

Thoroughly organized practice courts are regular features of the course of instruction in the second year. Weekly sessions of the court will be held under the charge of some member of the faculty. The object of this course is to give the student practical instruction in pleading and practice at law and in equity, in Alabama, and experience in the preparation and trial of causes. The work is arranged as follows:

First—Cases arising upon prepared statements of fact are assigned to the senior students, upon which they are to determine what proceedings to bring and how to bring them. They are then to issue, serve, and return the proper process and prepare the pleadings and bring the case to an issue. Each student must take part in one case at law and one in equity. A case is first heard on the sufficiency of the form and structure of the pleadings, and, when these are approved, the issue is tried and decided, the students acting as attorneys on each side, drawing the order, judgment or decree they deem themselves entitled to obtain.

Second—In the second class of cases in the practice court, actual controversies are arranged and assigned for trial as issues of fact. After determining what action to bring, the students assigned to the case are required to issue the proper process and prepare and file the necessary pleadings, subpoena the witnesses, select the jury, examine and cross-examine the witnesses and argue the case to the jury. Each student is required to participate in the trial of one civil or one criminal case.

## RECORDS AND GRADES

The passing grade for juniors is D and for seniors is C. In determining these grades, the grades received in daily recitation and the hour examinations are combined with those received on final examinations.

Grades are indicated by letters which have value, on a scale of 100, as follows: A, 90-100; B, 80-90; C, 70-80; D, 60-70; E, 50-60; F, 0-50.

## CONDITIONS AND FAILURES

A senior receiving grade D in any subject is conditioned, and a junior receiving grade E in any study is conditioned. A junior who receives grade F in any study is regarded as having failed completely in that study and, in order to receive credit for it, must take it over in class. A senior who has received grade E in any study is regarded as having failed completely in that study and, in order to receive credit for it, must take it over in class.

Examinations for the removal of conditions will be held as follows:

(a) For the removal of conditions received at any period of the course, an examination will be held during the week preceding the opening of the school in September.

(b) For the removal of conditions received at the completion of any course given during the senior year, an examination will be held during the final examination week of the second half-year.

Examinations for the removal of conditions will not be held at any other time than the foregoing, except by special authority of the law faculty.

Applicants from other schools, applying for advanced standing and required to pass examinations, must appear at the time set in September.



## PRIZES

## MAYFIELD PRIZE

Hon. J. J. Mayfield, Associate Justice of the Supreme Court of Alabama, has provided an annual prize of one set of Mayfield's Digest, valued at \$60.00, to be awarded each year by the faculty to a student of the senior class who shall offer the best thesis upon some subject assigned by the faculty.

## OLIVER PRIZE

Mr. W. B. Oliver has offered an annual prize of \$25.00 to be awarded each year by the law faculty to a student of the senior class, on such terms and conditions as may be determined by the law faculty.

## AMERICAN LAW BOOK COMPANY PRIZE

The American Law Book Company has generously offered a set of the student edition of the Encyclopaedia of Pleading and Practice to be awarded each year by the law faculty to a student of the junior class, on such terms and conditions as may be determined by the law faculty.

## CALAGHAN &amp; COMPANY PRIZE

Callaghan & Company, the law book publishers of Chicago, have provided an annual prize of one copy of the Cyclopedic Law Dictionary to be awarded each year by the law faculty to a student in the junior class, on such terms and conditions as may be determined by the law faculty.

## CERTIFICATE OF ATTENDANCE

Each student who has been in regular attendance in the school of law for at least one half-year may, on application to the faculty, receive a certificate of such attendance, indicating the amount and quality of work done by him.

## DEGREE

The degree of Bachelor of Laws, (LL. B.) is conferred upon those students who satisfactorily complete the course of study, as previously outlined. Students admitted to one year of advanced standing, may, if they do satisfactorily the work as prescribed by the rules of the school of law, receive the degree after one year's residence. In no case, however, will the degree be granted unless the candidate is in actual residence during all of the senior year.

## ADMISSION TO THE BAR

A special statute authorizes the graduates of the school of law to be admitted, without examination or other conditions, on motion in the Supreme Court, to practice in all the courts of Alabama. Such graduates are also admitted, on motion, to practice in the United States District and Circuit Courts in this state.

## DISCIPLINE

Students in the school of law are subject to the same discipline as students in the other colleges of the University. Rules are few, simple, and reasonable. The honor system prevails and, so long as students do the work required and conduct themselves in a becoming manner, they are free to come and go at will. The aim is self-government.

## EXPENSES

The expenses of the law students for the full session of thirty-six weeks are as follows:

	Students Boarding in Dormi- tories	Students Boarding Out of Dor- mitories	Students Whose Homes are in Tuscaloosa
Room rent, fuel, lights, water, and attendance .. .. .	\$ 36.00	\$.....	\$.....
Library .. .. .	3.00	3.00	3.00
Incidental .. .. .	3.00	3.00	3.00
Gymnasium .. .. .	3.00	3.00	3.00
Medical Attention .. .. .	6.00	6.00 (Opt. )	
Tuition .. .. .	75.00	75.00	75.00
Total.....	\$126.00	\$90.00	\$84.00
Amount each term.....	42.00	30.00	28.00

For convenience of students, the session is divided into three fiscal terms of twelve weeks each, and one-third of these charges is payable at the beginning of each term. Those students whose homes are in Tuscaloosa are not required to pay the surgeon's fee, but may do so if they desire the services of the surgeon.

Students not rooming in the dormitories can secure table board in the University dining-room at \$12.00 a month. Those who room in the dormitories and take meals elsewhere are charged \$4.00 each scholastic month for room rent.

For a catalogue of or for other information in reference to the law school, address

PRESIDENT GEORGE H. DENNY, or  
DEAN A. J. FARRAH.

# School of Medicine

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D.,  
President.

EUGENE DUBOSE BONDURANT, M. D., LL. D.,  
Dean.

TUCKER HENDERSON FRAZER, B. E., M. D.,  
Secretary-Treasurer.

## FACULTY

EUGENE DUBOSE BONDURANT, M. D., LL. D.,  
Dean and Professor of Nervous and Mental Diseases.

TUCKER HENDERSON FRAZER, B. E., M. D.,  
Secretary-Treasurer and Professor of Obstetrics.

WILLIAM HENRY SANDERS, A. M., M. D.,  
Emeritus Professor of Ophthalmology and of State Medicine.

CHARLES A. MOHR, Ph. G., M. D.,  
Professor of Preventive and Clinical Medicine.

HENRY ALTAMONT MOODY, M. D., LL. D.,  
Professor of Therapeutics, Materia Medica and Pharmacognosy.

WILLIAM RICHARD JACKSON, M. D.,  
Professor of Surgery.

Professor of Practice of Medicine.

JAMES FRANCIS HARRISON, M. D.,  
Professor of Chemistry.

WILLIAM FOWKE RAVENEL PHILLIPS, M. D.,  
Professor of Anatomy.

ANDREW HOWARD RYAN, M. D.,  
Professor of Physiology.

TOULMIN GAINES, M. D.,  
Professor of Histology and Embryology.

FRANK LEROY HALEY, Ph. G., M. S.,  
Professor of Physiological Chemistry.

PAUL JEROME MORRIS ACKER, A. M., M. D.,  
Professor of Operative Surgery.

ALFRED EDWARD THAYER, M. D.,  
Professor of Pathology and Bacteriology.

RUDOLPH HERMANN VON EZDORF, M. D.,  
Associate Professor of Tropical Medicine.



PERCY JOHN HOWARD, A. B., M. D.,  
Associate Professor of Surgery.

HERBERT PHALON COLE, A. M., M. D.,  
Associate Professor of Gynecology.

ALFRED EDWARD MAUMENEE, M. D.,  
Associate Professor of Ophthalmology.

JOHN OSGOOD RUSH, B. S., M. D.,  
Associate Professor of Genito-Urinary Diseases.

RUFFIN ASHE WRIGHT, A. M., M. D.,  
Associate Professor of Laryngology, Otology, and Rhinology.

MARION JOSEPH BANCROFT, B. S., M. D.,  
Assistant Professor of Obstetrics.  
Instructor in Surgery.

LEE WRIGHT ROE, M. D.,  
Instructor in Physical Diagnosis.

GILMAN JOSEPH WINTHROP, A. B., M. D.,  
Instructor in Surgery.

EMIT LUTHER McCAFFERTY, M. D.,  
Instructor in Clinical Psychiatry.

RUFUS CORNELIUS PARTLOW, M. D.,  
Instructor in Clinical Neurology.

EUGENE THAMES, M. D.,  
Instructor in Operative Surgery and Surgical Pathology.

ERNEST SAMUEL FEAGIN, M. D.,  
Instructor in Surgery.

JOSEPH SCHWARZ, B. S., M. D.,  
Instructor in Medicine.

JAMES JESSE PETERSON, M. D.,  
Instructor in Materia Medica and Therapeutics.

EDWARD STILLMAN SLEDGE, B. S., M. D.,  
Instructor in Radiography.

DANIEL THOMPSON McCALL, A. B., M. D.,  
Lecturer on Pediatrics.

PALMER PILLANS, A. B., LL. D.,  
Lecturer on Legal Medicine.

JAMES THOMAS SEARCY, A. B., M. D., LL. D.,  
Lecturer in Psychiatry.

JULIUS GOODWIN HENRY, M. D.,  
Instructor in Medicine.

VIVIAN PENDLETON GAINES, M. D.,  
Clinical Lecturer in Obstetrics.

HARRY TUTWILER INGE, A. B., M. D.,  
Clinical Lecturer in Surgery.

WILLIAM THOMAS HENDERSON, M. D.,  
Clinical Lecturer in Gynecology.

GEORGE HEUSTIS FONDE, M. D.,  
Clinical Lecturer in Medicine.

ANGELO FESTORAZZI, A. B., M. D.,  
Assistant in Dermatology.  
Assistant in Physiology.  
Assistant in Physiology.  
Assistant in Astronomy.

ALBERT WEST METCALF, M. D.,  
Assistant in Anatomy.

TOXEY DANIEL HAAS, M. D.,  
Assistant in Surgery.

HOWARD H. BELL, M. D.,  
Instructor in Pathology and Bacteriology.

HURBIE ANDREWS TAYLOR, M. D.,  
Clinical Assistant in Tropical Medicine.

DANIEL BASCOM FAUST, M. D.,  
Clinical Assistant in Surgery.

JAMES WALTON TERRILL, M. D.,  
Clinical Assistant in Medicine.

GEORGE WASHINGTON KIEHNOFF, M. D.,  
Clinical Assistant in Medicine.

JAMES THOMAS GAINES, M. D.,  
Clinical Assistant in Surgery.

ERMILO E. ESCULANTE, M. D.,  
Clinical Assistant in Genito-Urinary Diseases.

## STANDING COMMITTEES

### COMMITTEE ON ADMISSION

The Dean of the University, the Dean and the Secretary of the  
School of Medicine.

### COMMITTEE ON INSTRUCTION

Professors Mohr, Jackson, Gaines, Phillips, Thayer.

### COMMITTEE ON LIBRARY

Professors Moody, Gaines, Haley, Thayer, Ryan.

### COMMITTEE ON PUBLICATIONS

Professors Phillips, Haley, Frazer, Gaines, Moody.

### COMMITTEE ON HOSPITALS

Professors Acker, Gaines, Mohr, Jackson.

### COMMITTEE ON UNIVERSITY DISPENSARY

Professors Jackson, Mohr, Gaines, Acker.

## COMMITTEE ON LABORATORIES

Professors Harrison, Phillips, Gaines, Thayer, Ryan.

## COMMITTEE ON IMPROVEMENTS AND BUILDINGS

The Dean, the Secretary, Professors Mohr, Phillips, Haley.

## COMMITTEE ON DISCIPLINE

The Dean, the Secretary, and one other member of the faculty.

The Dean is ex-officio a member of all Committees.

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## GENERAL STATEMENT

The University of Alabama, with the exception of the school of medicine, is at Tuscaloosa. The school of medicine, located at Mobile, was established by an act of the general assembly passed 1857. This and subsequent acts created the "Medical College of Alabama," and provided that the school so created should constitute a department of the state University. An appropriation of \$50,000 was made, which was supplemented by an equal amount subscribed by the citizens of Mobile. With this the present site was purchased, the main building of the school erected, and the original equipment supplied. The first session began in 1859. Educational work was suspended three years later as a result of the civil war. At the close of the war in 1865, the school was occupied for some time by the federal troops, and later by the freedmen's bureau, much to the detriment of both building and equipment. When the school was finally restored to its trustees, it was repaired and re-equipped as well as the circumstances would permit and re-opened to students in 1868. The state made an appropriation of \$7,500 in 1888 for additional repairs and apparatus, and another appropriation of \$10,000 in 1891 for like purposes. And again in 1907 an appropriation of \$45,000 was made for needed additions to both building and equipment.

Prior to 1907 the "Medical College of Alabama," though always potentially, and during the last decade of years nominally, a part of the University, was not so in reality. It was controlled and governed by its own board of trustees. But in 1907, by virtue of an act of the legis-

lature the "Medical College of Alabama" passed over actually to the University and to the control of its board of trustees and became the school of medicine of the University. The present relation of the school of medicine to the University is that of the part to the whole, and is definite and absolute, thus insuring the conduct of the medical educational work along true university lines and ideals.

The character of the instruction given in the school has followed more or less closely the development of the general educational conditions and facilities of the country. In common with that of its contemporaries in the early days of the school's existence, the course was but two years of four and a half months each. In 1893 the course was lengthened to three years, and between that year and 1900 the length of the session was increased from four and a half to six months. The course was made four years of six months in 1900, and of seven months in 1907. The session of 1914-1915 will consist of thirty-three actual teaching weeks, exclusive of holidays—virtually nine calendar months from the opening of the school in September to the closing in May.

The best interests of medical education are the same as those of general education. In recognition of this fact the policy of the University is to provide as rapidly as its finances will permit, full time teachers in its medical school. Already full time professors, devoting their energies entirely to teaching and research work, are in charge of the following laboratory departments, namely: Anatomy, chemistry, physiological chemistry, physiology, bacteriology and pathology. Also the professor of materia medica and therapeutics devotes his time to his department.

Changes have been made in the order and in the method of teaching. Laboratory work has largely supplanted lectures in the first two years, and bedside instruction plays a larger part than formerly in the last two years of study. Important changes in the order in which the several subjects are studied have been put into



effect, namely: Anatomy, (with the exception of applied anatomy), histology and chemistry are studied and completed in the first year, and physiology, bacteriology and pathology constitute the chief subjects of the second year. As nearly as may be practicable but two subjects are carried at a time, thus enabling the student to concentrate his attention upon his work with the greatest advantage of both time and proficiency. Experience here and elsewhere demonstrates that this method is in every respect the best. It enables a logical sequence and correlation of subjects to be made, gives more profitably and scientifically utilizable time to each subject, both with respect to student and teacher, and in the end turns out better grounded students in the fundamentals of medicine than the older order, wherein four or five subjects were carried simultaneously throughout the year and often into the succeeding year before completion.

The preliminary educational requirements for admission have also been increased from time to time. Since January, 1909, the entrance requirements have been the same as those for admission to the freshman class of the college of arts and sciences of the University, namely: fourteen units of high school work or their equivalent.

Since the session of 1912-13 the fourteen units of educational work have been required to be satisfied at the time of admission, as no condition in preliminary education is now permitted to be carried in the medical school.

Beginning with the session of 1914-15, no applicant will be admitted for the degree of doctor of medicine who, in addition to the present admission requirements, does not present evidence showing the satisfactory completion of one year's work of college grade in physics, chemistry, biology, and a modern foreign language.

On and after January 1, 1915, no applicant will be admitted for the degree of doctor of medicine who has not satisfactorily completed the sophomore year of the college of arts and sciences of the University, or of some other recognized institution of equivalent grade, in-

cluding one year of college physics, biology and a modern foreign language, and two years of college chemistry.

Further and more detailed information on this subject is given under the heading, "Admission."

### STATE APPROPRIATION

In 1907 the state appropriated \$5,000 annually for the maintenance of the school of medicine, and in 1911 it increased this appropriation to \$30,000 annually.

### BUILDINGS AND FACILITIES

The school of medicine is located on the square bounded by St. Anthony, Lawrence, State and Cedar streets. The main building is four stories high, has a frontage of 90 feet and a depth of 95 feet. The entrance faces south on St. Anthony street. Two one-story wings adjoin the north side of the main building, each 23x49 feet. A two-story wing 30x80 feet adjoins the east side. There is also a detached frame building 16x30 feet in the rear of the main building. The main building contains the anatomical, chemical, bacteriological and pathological and histological laboratories, the museum, library, and four lecture rooms. The physiological laboratory is in the east wing, which also houses the University dispensary. The detached frame building is for animals and animal experimentation.

The hospital facilities comprise the City Hospital, the University Dispensary, the Alabama Maternity and Infant Home, the Southern Infirmary, the Inge-Bondurant Sanatorium, the State Hospital at Mt. Vernon, and by courtesy of the surgeon general of the United States Public Health and Marine Hospital Service, and of the local commanding officer, the hospital of that service in Mobile.

## LABORATORIES

There are six separate laboratories, as follows: The laboratory of anatomy, of chemistry, of physiology, of histology, of bacteriology and pathology, and of animal experimentation. Each laboratory has the necessary store and preparation rooms, and except the animal experimentation laboratory, each has office rooms for the professor in charge and assistants. The equipment and furnishings are those usual to such laboratories, and comply in these respects with the requirements of the Association of American Medical Colleges and the recommendations of the Council on Medical Education of the American Medical Association.

## LIBRARY

The library owes its beginning to the gift of the medical library of the late Dr. George A. Ketchum, for many years professor of the theory and practice of medicine and dean of the school of medicine. During the session of 1911-12 the library gained a large accession in the shape of the professional library of its late dean, Dr. Rhett Goode. Gifts have been received from Dr. J. G. Michael and others. With the session of 1912-13 an annual appropriation for the purchase of new books and current medical journals and periodicals went into effect.

Among the periodicals regularly received in the library the following may be mentioned:

New York Medical Journal, Medical Record, American Journal of Physiology, Journal of Physiology, Journal of Anatomy and Physiology, Brain, American Journal of Anatomy, Surgery, Gynecology and Obstetrics, Journal of Pediatrics, Journal of Cutaneous Diseases, Journal of Nervous and Mental Diseases, Journal of Medical Research, Journal of Biological Chemistry, American Journal of Pharmacy, Therapeutic Gazette, Journal Experimental Medicine, Archives of Ophthalmology, Archives of Otology, Rhinology and Laryngology, Journal of Urology, Tropical Medicine and Hygiene, Journal of Infectious Diseases, Journal of American Medical Asso-

ciation, Southern Medical Journal, Science, British Medical Journal, Lancet (London), Progressive Medicine, Journal of Pathology and Bacteriology, American Journal of the Medical Sciences, U. S. Public Health Reports, Semaine Medicale, Zentralblatt fur innere Medizin, Zentralblatt fur Bakteriologie, Parasitenkunde und Infektionskrankheiten, Zeitschrift fur Hygiene und Infektionskrankheiten, Annals de L'Institut Pasteur, Deutsche Medicinische Wochenschrift, Pathologica (Napoli).

The library is in charge of a librarian and two assistants, and is open daily during the day and from 7 p. m. to 10 p. m., Sundays and holidays excepted, throughout the session.

### MUSEUM

Originally the museum was fully equipped in every detail. It suffered greatly, however, from the occupation of the building by the federal troops and later by the freedmen's bureau. While new specimens are added as occasion presents, the general policy, however, is towards developing working and teaching museums in immediate connection with the laboratories and clinical departments, and only duplicate or excess specimens, or specimens more curious than instructive, will be kept hereafter in this museum.

### ADMISSION

*Admission requirements will be advanced beginning with the academic session of 1915-1916. See page 155.*

The minimum preliminary educational requirement for admission to the school of medicine for the degree of M. D. for the session of 1914-1915 is the satisfactory completion of the freshman year of the college of arts and sciences, or of that of some other institution of equal university grade, provided the course included a year's work in chemistry, physics, biology, (botany and zoology) and a modern language.

Applicants will be admitted without examination upon presenting any one of the following, viz.: (a) a



diploma conferring the degree of A. B., or B. S., or equivalent, from an approved educational institution of collegiate or higher grade; (b) a certificate showing the satisfactory completion of the freshman year's work of the college of arts and sciences or of that of another college or educational institution of equivalent grade: provided, however, that the work represented by the diploma or the certificate includes the required work in physics, chemistry, biology, and a modern foreign language.

### ADMISSION UNCONDITIONAL

The preliminary educational requirements must be satisfied in full before admission. No condition in preliminary educational requirements can be carried into the school.

### NOTICE OF FUTURE ADVANCEMENT OF ADMISSION REQUIREMENTS

On and after January 1, 1915, no applicant will be admitted for the degree of doctor of medicine who has not satisfactorily completed the sophomore year of the college of arts and sciences of the University, or of some other recognized institution of equivalent grade, including one year of college physics, biology, and a modern foreign language, and two years of college chemistry. Thirteen states now require one or more years' collegiate training, including courses in physics, chemistry, biology, and a modern foreign language, in addition to the completion of a four year high school course, as a prerequisite for admission to examination for license to practice medicine. These states are North Dakota, Iowa, Minnesota, Colorado, Indiana, South Dakota, Kentucky, requiring two years' college work, and Connecticut, Kansas, Utah, Vermont, Pennsylvania, and California, requiring one year's college work. In several of these states, these requirements have been in effect for one or more years, and in all the states named the requirements become effective for students matriculating from now on.

The state board of medical examiners of Alabama will require on and after January, 1919, that every applicant for license to practice medicine in Alabama shall have had, before beginning the study of medicine, two years of collegiate training, including courses in physics, biology, chemistry, and a modern foreign language—in fact to all intents the same preliminary training that will go into effect for admission to the school of medicine of the University in 1915.

Students contemplating the study of medicine will therefore perceive how vitally important a matter is this item of preliminary educational qualification for the professional degree of M. D.

#### COMBINED COURSES B. S.—M. D.

Recognizing the broad educational foundation demanded for the professional degree of M. D. and the general educational value of the work of the first two years of the medical curriculum, the University offers the degrees of B. S. and M. D. to such students as successfully complete the freshman and sophomore years in the college of arts and sciences and the four years of the medical curriculum of the school of medicine.

The B. S. degree is awarded upon the completion of the second year of the medical curriculum, or on the completion of four years' work in the University, and the M. D. degree upon the completion of the four years' work of the medical curriculum.

By this arrangement the two degrees may be obtained in six years.

#### ADVANCED STANDING

Advanced standing will be granted only to those applicants who present certificates or credentials from other accredited schools of medicine showing that equivalent courses to those for which credit and advanced standing is asked have been duly and satisfactorily completed therein by the applicants; that the preliminary

educational qualifications were satisfied and were equivalent to those required by this school, and that there are no reasons or objections to the admission of the applicants to advanced standing in this school. This school reserves the right to require, if deemed necessary, such applicants to take and pass examinations in all subjects for which advanced standing is asked. Under no condition will any discrimination in requirements for advanced standing be made in favor of applicants from other schools as against students of this school.

#### ADMISSION TIME LIMIT

In order that the time of study shall count as a full year all students entering for the session of 1914-15 must be registered and in attendance within four days after the day of opening of the school.

#### SPECIAL STUDENTS

Applicants not candidates for the degree of M. D., who may desire to pursue work in any course or courses offered in the school may be admitted as special students without submitting evidence of the preliminary educational requirements prerequisite for candidates for the degree of doctor of medicine. But neither work nor time spent as such special students can be subsequently credited to that required for the degree of M. D. Information regarding the fees incident to the several courses will be furnished upon application to the dean.

#### INSTRUCTION

For the purpose of instruction students are grouped into four classes, according to the date and conditions of their admission and their proficiency and progress in their studies. Students are not permitted to advance from a lower to a higher class until all the conditions prescribed for advancement have been satisfactorily complied with. See page 165.

The subjects comprising the curriculum are studied in the order shown in the annexed tabular view.

First Year	Second Year
Anatomy Embryology Histology Chemistry	Applied Anatomy Physiology Bacteriology Pathology Materia Medica Physical Diagnosis Surgical Technique Pharmacology
Third Year	Fourth Year
Practice Surgery Obstetrics Therapeutics Pediatrics Physical Diagnosis Laboratory Diagnosis Hygiene and Preventive Medicine Pharmacology Gynecology Surgical Technique Genito-Urinary Diseases Radiography Legal Medicine Surgical Pathology Clinics— Medical Surgical	Practice Surgery Obstetrics Pediatrics Gynecology Dermatology Ophthalmology Laryngology Otology Neurology Operative Surgery Orthopedics Tropical Diseases Genito-Urinary Diseases Gross Pathology Clinics in all the above.

Examinations are held at the conclusion of each course.

The scope of each subject, general and particular methods of study, will be found set forth in detail in the separate catalogue of the school of medicine, a copy of which will be sent on application.



## FACILITIES FOR CLINICAL INSTRUCTION

The following institutions are accessible for and utilized in clinical instruction:

(1) The City Hospital, St. Anthony street, between Jefferson and Broad streets.

(2) The Alabama Maternity and Infant Home, St. Anthony street, opposite the City Hospital.

(3) The United States Marine Hospital, St. Anthony street, between Bayou and Jefferson streets.

(4) The University Dispensary, adjoining the main building of the school of medicine on the Lawrence street side.

(5) The Mount Vernon Hospital for the Insane, Mount Vernon, Ala.

**THE CITY HOSPITAL:** The city hospital is less than five minutes' walk from the school of medicine. It has 150 charity beds, all available for clinical instruction.

The members of the visiting staff of the hospital are selected by the faculty of medicine from its members and the medical control of the institution is in all its details under the direction of the school of medicine.

**THE ALABAMA MATERNITY AND INFANT HOME:** This institution is on the opposite side of the street to the city hospital. It contains accommodation for forty maternity cases and an equal number for infants and children under five years of age. This home is maintained by the Sisters of Charity as a charitable institution. The obstetrical and pediatric staff of this institution are chosen from the faculty of the school of medicine, so that the clinical facilities of this institution are altogether available and accessible to students of the school of medicine.

**U. S. MARINE HOSPITALS** This hospital, situated on St. Anthony street, immediately east of the city hospital, is by the courtesy of the Surgeon-General of the U. S. Public Health and Marine Hospital Service, available for clinical instruction. The commanding officer, Dr. Rudolph H. von Ezdorf, is Associate Professor of Trop-

ical Diseases, and uses the wards of this institution in giving clinical instruction in these diseases.

**THE UNIVERSITY DISPENSARY:** The University dispensary occupies the first floor of the east wing of the medical school building. It contains waiting rooms for examination and treatment of patients. During the year just ended there were more than 10,500 visits and treatments given in the dispensary. The increase in visits has been so great that additional facilities are necessitated and will be provided by the opening of the session in September next. The staff of the dispensary is composed entirely of professors and instructors of the school of medicine, and all cases are used for clinical instruction.

**THE MOUNT VERNON HOSPITAL:** The Mount Vernon Hospital for the Colored Insane is at Mount Vernon, 28 miles from Mobile. Fourth year students are assigned in sections to this hospital for clinical instruction in the various forms of mental diseases. There are more than 700 patients always in this institution.

### EXAMINATIONS AND GRADES

The degree of proficiency of the student is determined by the combination of his record of attendance, class room, laboratory and clinical records of work done, and records made at intermediate and final examinations. In every instance proficiency is graded in terms of percentage, 100 being perfect. An average grade of 70 per cent or more is required to be satisfactory or to pass in any subject. A grade below 70 is unsatisfactory and a failure to pass in the subject in which given.

Actual numerical values of grades are not given out, but students, and others having a right to the information, are informed of their grades as follows:

Grade A, indicating on a scale of 100 as perfect, a grade of 90 to 100.

Grade B, indicating on a scale of 100 as perfect, a grade of 80 to 89.

Grade C, indicating on a scale of 100 as perfect, a grade of 70 to 79.

Grade D, indicating on a scale of 100 as perfect, a grade below 70.

Students receiving a grade D are known as conditioned students, and the subject in which such grade may be received is known as a condition.

#### ADVANCEMENT TO A HIGHER CLASS

No student can be advanced to a higher class unless he has received a satisfactory grade in all the subjects of the class in which he is registered. Conditioned students cannot therefore be admitted to the class above them until they have satisfactorily removed their conditions.

Students having not more than two conditions will be given an opportunity to remove their conditions by examination at the time specified hereinafter. Students having three or more conditions will not be permitted to remove their conditions in this manner, but must repeat not only the subjects in which they may be conditioned, but all the other subjects of the class in which they are registered and in which they did not receive a grade of or above B.

Conditioned students given the opportunity to remove their conditions by examination, and failing to do so, must remain in the class in which registered and repeat the subjects in which conditioned, together with such other subjects of the class in which they did not receive a grade of or above B.

If, after repeating the work of the year, a student again fails to receive a grade of or above C in all subjects repeated, such student shall not be again registered in the school except by a special vote of the Faculty.

Students failing to appear at any regular examination period will be conditioned in the subject of that examination, and must submit to all the regulations prescribed for conditioned students unless the failure to appear was for good and sufficient reasons and approved by the dean. Where such approval may be accorded, the student, if he so wishes, may be granted a special examination upon the payment of a special examination fee of \$10.00.



Regular examinations for removal of conditions will be held as follows:

(a) For the removal of conditions received at any period of the course an examination will be held during the week preceding the opening of the school in September.

(b) For removal of conditions received at the completion of any course of the fourth year ending during the first half of that year an examination will be held during the final examination week of the second half-year.

Examinations for the removal of conditions will not be held at any other time than the foregoing, except by special authority of the faculty.

Applicants from other schools applying for advanced standing and required to pass examinations must appear at the time set in September.

#### REQUIREMENTS FOR GRADUATION

Every candidate for graduation must be of good moral character, including a record of good conduct while a student in the school, and must have attained the age of twenty-one years. He must have attended in a regular and accepted medical school four full academic years of not less than eight months each in four separate calendar years, the last academic year of which must have been in this institution, and he must have satisfactory or passing grades in all courses of study embraced in the curriculum of this school, that is, he must have passed satisfactorily in each and every subject in each and every year in which the subject was given and examined in. In case of a candidate taking only his final year's work in this school, satisfactory examinations must be passed in every subject of the fourth year of this school, even though he may have passed in the same subject or subjects in some other school.

All fees, including the graduation fee, must have been paid. He must present himself at the commence-



ment exercises. The degree will not be conferred in the absence of the candidate unless such absence has been sanctioned by the faculty.

The degree will not be conferred on any candidate whose conduct during the course has been unsatisfactory to the faculty.

A candidate for graduation failing to pass in any subject or subjects of the fourth year, may appear for re-examination for graduation at the regular examination period in September, and if successful in passing the subject or subjects in which he failed, together with any subject or subjects of the fourth year in which he received a grade of less than B, may receive his degree and diploma at such time and in such manner as the faculty may determine.

### FEES

The fees and other charges made by the school for the regular course leading to the degree of doctor of medicine are as follows:

First Year.	Tuition, including all charges except those stated below.....	\$155 00
Second Year:	Tuition, including all charges except those stated below.....	150 00
Third Year:	Tuition, including all charges except those stated below.....	150 00
Fourth Year:	Tuition, including all charges except those stated below.....	150 00

Special charges are made as follows:

(1) A contingent fee of \$5.00 is required annually of every student to cover damage or loss to property or apparatus of either the school of medicine or the hospitals. This fee less any deductions therefrom on account of such damage or loss is returned to the student at the close of the session. If at any time during the session this fee be reduced to \$2.50 by charges against it, the student will be required to make a deposit sufficient to raise it to \$5.00.

(2) A microscope rental fee of \$5.00 is charged annually for the use of a microscope. The payment of this fee entitles the student to the use of one of the school's microscopes in the courses in which these are required. A student furnishing his own microscope is not charged this fee. Students may purchase from the school microscopes at cost, and at a considerably lower price than the same instruments could be purchased from dealers. Students so purchasing will be permitted to credit their microscope rental fees as part of the purchase price. As microscopes are used during the four years, this would amount to \$20 towards the purchase of a \$55 to \$75 instrument, as the case might be.

(3) A diploma fee of \$25.00 is required of all graduates. This fee must be paid not later than thirty days before the date of graduation. This fee is returned in full in case of failure to graduate.

#### FEEES FOR SPECIAL COURSES

Special course students are charged fees according to the courses taken and the materials used. As these courses may vary greatly according to the wants of each student, it is not practicable to schedule the charges specifically. Generally stated, the average cost of a special course in any subject will not exceed \$50.00 nor fall under \$30.00. A combination of two or more separate courses will not be as expensive as that indicated by the charges for a single course. Students and others desiring special courses will be given detailed information upon request to the dean.

Graduates of this school are permitted to attend as auditors all lectures and clinics free of charge, provided that at the clinics their presence does not interfere with the students' opportunities for instruction nor with the general convenience of the clinicians.

## STATE SCHOLARSHIPS

It is provided in the act establishing the medical college that one student from each county in the state be granted free tuition, which at present is equivalent to a deduction of \$75.00 from the charges stated on page 167. Each student must obtain from the probate judge and commissioners of roads and revenue in the county in which he resides, certificates that he is without means of procuring a medical education, that he is worthy, both by character and preliminary education, of such scholarship, and he must present the same to the dean when making application for admission. Any student applying for admission under this scholarship provision must satisfy all admission requirements, by certificate, diploma, or examination, before he can be enrolled as a student. For educational admission requirements, see pages 158, 159. Students participating in the benefits of this provision are unknown as such, except to the faculty.

Students receiving such appointment have the privilege of its renewal for four years, or until they receive their diplomas, provided, the conditions under which they are appointed remain unchanged during that time, and also that they maintain a satisfactory grade in all their studies. Under no circumstances will two beneficiaries from the same county be received during the same session.

## PRIZES, HONORS AND APPOINTMENTS

**THE HONOR ROLLS** The names of those members of the graduating class who during the four years of study attain an average of 90 per cent or over are placed upon the honor roll of the University, which is read at the commencement exercises and published in the annual catalogue.

**THE BUSH PRIZE:** The interest on one thousand dollars (\$1,000.00), given by the late Hon. J. Curtis Bush, of Mobile, is used each year in the purchase of a case of surgical instruments or other suitable prize, which is



awarded to that member of the graduating class who during the four years of the medical course attains the highest standing.

**THE RHETT GOODE PRIZE:** Established by Mrs. Rhett Goode in memory of her husband, the late Dr. Rhett Goode, a member of the faculty and for many years dean of the school. This prize is awarded to the member of the graduating class who during the four years attains the second highest standing.

**THE RUSH PRIZE:** This prize is given by Associate Professor John O. Rush to the student in the fourth year class having the highest general average in the subject of genito-urinary diseases.

**APPOINTMENTS:** The following appointments are made annually from members of the graduating class:

Resident Physician (two), City Hospital, Mobile.

Resident Physician, Providence Infirmary, Mobile.

Resident Physician, Southern Infirmary, Mobile.

Resident Physician, St. Margaret's Hospital, Montgomery.

Resident Physician, State Tuberculosis Hospital, Wetumpka, Ala.

Resident Physician, Mobile Infirmary.

Three Medical Internes, Alabama Insane Hospitals at Mount Vernon and Tuscaloosa.

### MISCELLANEOUS INFORMATION

**DISCIPLINE:** Honorable, upright and gentlemanly conduct is expected of the student body at all times. Any student who shows conspicuous deficiency in these particulars will be required to withdraw from the school.

**INFORMATION FOR STUDENTS:** Students upon their arrival in the city, should call at the office of the dean at the school building on St. Anthony street between Cedar and Lawrence streets, where they will be given information relative to suitable board and lodging houses. Board, including lodging, fires and lighting, can be obtained for from \$18.00 to \$25.00 per month.



**TEXT-BOOKS:** The last edition is always meant unless otherwise specified. Students will, however, do well not to purchase text-books until they have consulted the professors or others directly in charge of the particular subject, as text-books are subject to change at any time prior to the beginning of the course in the subject.

### STUDENT MEDICAL SOCIETY

The George A. Ketchum Medical and Surgical Society is a student organization founded in 1909 and named in memory of the late Dr. Ketchum, one of the founders of the school and professor of medicine from 1859 to 1906. The society meets every Friday night during the academic session, for the reading and discussing of papers prepared by its members. The object of the society is to stimulate individuality and independence of thought in medical science and at the same time to familiarize its members with the customs and government of parliamentary bodies.

### ALUMNI ASSOCIATION

This association was organized in March, 1910. Its object is to advance the interests and influence of the school of medicine of the University by the promotion of sentiments of amity and brotherhood among its graduates, and to use all efforts towards elevating the standards of medical education and professional ethics.

All graduates of the school of medicine are eligible to membership upon the payment of the annual dues—one dollar.

It is earnestly hoped that every alumnus of the school will communicate with the secretary and actively co-operate in this work.

The officers for the year 1913-14, are as follows:

President—Angelo Festorazzi, M. D., Mobile, Ala.

First Vice-President—M. L. Tisdale, M. D., Mt. Vernon, Ala.

Second Vice-President—J. P. McMurphy, M. D., Atmore, Ala.

Secretary-Treasurer—P. J. Howard, M. D., Mobile, Ala.

Annual Orator—Toulmin Gaines, M. D., Mobile, Ala.

Graduates of this school desiring to attend in the capacity of post-graduates will be required to pay one-half the regular charges made for a regular course, or special course, or courses, as the case may be. Information relative to these charges will be furnished upon application to the dean.

### PAYMENT OF FEES

All fees and other charges payable in advance as follows:

One-half of the tuition fee and all the contingent fee of \$5.00 and the microscope rental of \$5.00 must be paid on the day of registration. The other half of the tuition fee must be paid on or before January 31, and without presentation of bill therefor.

### GENERAL SUMMARY OF EXPENSES

The expenses incident and essential to a course of medicine depend largely upon the student's own means and inclinations. The average may be taken as follows:

	First Year	Second Year	Third Year	Fourth Year
Tuition, including all charges of every kind by the school .....	\$160.00	\$155.00	\$155.00	\$175.00
Cost of books, instruments and other necessary incidentals .....	50.00	45.00	50.00	40.00
Cost of board and lodging including laundry for 8½ months .....	190.00	190.00	190.00	190.00
Total cost .....	\$400.00	\$390.00	\$395.00	\$400.00
Less refund of contingent fee averaging for each year .....	\$ 4.00	4.00	4.00	4.00
Net cost .....	\$396.00	\$386.00	\$386.00	\$396.00

Students are required to supply themselves with certain things needed from time to time during the course. In the first year every student must provide himself with a dissecting set of the kind required, with microscope slides and cover slips, note books, etc. In the other years articles of other kinds are required. The cost of all these incidentals and necessities has been taken into consideration in the estimate of expenses just given above.

**THE YOUNG MEN'S CHRISTIAN ASSOCIATION:** The Young Men's Christian Association of the medical school of the University was organized in the lecture hall of the Young Men's Christian Association of Mobile, March 9, 1910. The association conducts a prayer meeting for the students every Saturday at 7:30 p. m. The privileges of the city association are given students during the college session for \$6.00. These privileges include use of the reading room, library, social rooms, gymnasium, baths, swimming pool, etc.

For catalogue and other information address,

*THE DEAN,*

*School of Medicine,*

*Mobile, Ala.*

## Summer School of Medicine

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The summer school, session of six full weeks, will begin about the first of June and continue to about the middle of July.

The courses offered are open to all persons who, in the judgment of the dean, are qualified to profitably pursue them. No entrance examination is required.

Undergraduates who have failed during the school year will be given an opportunity to remove their deficiencies, certain courses being intended to duplicate portions of the regular curriculum.

To graduates, advanced and special students, satisfactorily completing their courses, a certificate of attendance and creditable work will be issued.

Independent work in the laboratories and the hospital and dispensary will be encouraged, especially for research work under the personal direction of the instructor in charge.

The right is reserved to withdraw any of the courses announced.

A general tuition fee of \$30.00 will be charged, and in the laboratory courses a special additional fee to cover cost of material, breakage, etc.

In brief, the courses that are offered (others if demand warrants), are these:

Chemistry I. Review course in Inorganic, Organic and Physiological Chemistry.

II. Advanced and research work as arranged.

Anatomy I. Review course, dissection of one-half or one-third of body.

II. Applied and surgical anatomy.

III. Histology.

Physiology and Pharmacology.

I. Review course, both didactic and laboratory.



- II. Experimental Physiology and Pharmacology. Mainly operative on dogs, etc.

Pathology and Bacteriology.

1. Review course in both subjects.
- II. Vaccines and sero-reactions.
- III. A course on Tumors.

Genito-Urinary Surgery.

- I. A clinical course.
- II. Special course in Cystoscopy, including ureteral catheterization.

Gynecology.

- I. A general course.
- II. Special operative course, as demand warrants.

Course I. In all subjects, is primarily for undergraduates and is intended as review of the more difficult parts of the regular courses in the respective subjects.

Courses II and III. Are primarily for graduates, special and advanced students. Research and post-graduate work being emphasized particularly.

More detailed information will be furnished upon application.

Address,

*THE DEAN,*

*SCHOOL OF MEDICINE,*

*MOBILE, ALABAMA.*

# Graduate School of Medicine

BIRMINGHAM

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A.M., Ph.D., LL.D.,  
President.

LEWIS C. MORRIS, M.D.,  
Dean.

G. S. GRAHAM, A.M., M.D.,  
Secretary.

## FACULTY

LEWIS C. MORRIS, M.D., Dean,  
Professor of Gynecology and Abdominal Surgery.

J. D. S. DAVIS, M.D., LL.D.,  
Professor of Principles and Practice of Surgery and Clinical  
Surgery.

D. F. TALLEY, A.M., M.D.,  
Associate Professor of Surgery.

JAMES S. McLESTER, A.B., M.D.,  
Professor of Medicine and Physician-in-Chief to the Hospital.

E. P. HOGAN, A.M., M.D.,  
Associate Professor of Gynecology and Abdominal Surgery.

F. A. LUPTON, M.Sc., M.D.,  
Professor of Obstetrics.

W. P. McADORY, A.B., M.D.,  
Associate Professor of Surgery for Surgical Anatomy and Clinical  
Surgery.

J. ROSS SNYDER, A.B., M.D.,  
Professor of Pediatrics.

W. G. HARRISON, M.D.,  
Professor of Otology, Rhinology and Laryngology.

H. S. WARD, B.S., M.D.,  
Professor of Neurology and Clinical Medicine.

A. F. TOOLE, A.B., M.D.,  
Associate Professor of Surgery for Genito-Urinary Diseases.

K. W. CONSTANTINE, A.B., M.D.,  
Professor of Ophthalmology.

G. S. GRAHAM, A.M., M.D., Secretary,  
Professor of Pathology and Bacteriology.

The Executive Faculty constitutes the visiting staff of the  
Hillman Hospital.

WALTER F. SCOTT, M.D.,  
Associate in Genito-Urinary Surgery.

CHAS. E. DOWMAN, Jr., A.B., M.D.,  
Associate in Survey of the Nervous System.

E. LAWRENCE SCOTT, M.D.,  
Associate in Orthopedic Surgery.

LLOYD NOLAND, M.D.,  
Associate in Medicine for Tropical Diseases.

GEO. A. HOGAN, B.S., M.D.,  
Instructor in Surgery.

W. L. THORNTON, B.S., M.D.,  
Instructor in Surgery.

STEWARD H. WELCH, A.B., M.D.,  
Instructor in Surgery.

H. M. GINSBURG, B.S., M.D.,  
Instructor in Gynaecology and Abdominal Surgery.

CHALMERS H. MOORE, A.B., M.D.,  
Instructor in Gynaecology and Abdominal Surgery.

H. P. SHUGGERMAN, A.B., M.D.,  
Instructor in Medicine.

H. P. LOTTERHOUSE, A.B., M.D.,  
Instructor in Medicine.

RUSSELL CALLEN, M.D.,  
Instructor in Pediatrics.

MORTIMER H. JORDAN, M.D.,  
Instructor in Dermatology.

C. C. McLEAN, M.D.,  
Instructor in Pediatrics.

R. C. McQUIDDY, M.D.,  
Instructor in Genito-Urinary Surgery.

E. S. CASEY, B.S., M.D.,  
Instructor in Anaesthesia.

C. D. RENDER, M.D.,  
Instructor in Rectal Diseases.

RUSSELL M. CUNNINGHAM, M.D.,  
Special Lecturer in Medicine.

JAMES T. SEARCY, M.A., M.D.,  
Special Lecturer in Psychiatry.

W. H. SANDERS, M.D.,  
Special Lecturer in State Medicine and Public Hygiene.

## LOCATION

The graduate school of medicine is located in Birmingham, sixty miles distant from the University campus and connected with the University by two systems of railway. The medical school building, together with the Hillman Hospital and the University Free Dispensary, occupies practically an entire city block.

## GENERAL STATEMENT

The courses of study outlined for the graduate school of medicine differ somewhat from those followed by certain of the older post graduate institutions. The regular instruction will be divided into four courses each of which will be complete in itself and require the student's entire time.

Special work, however, will be provided for those who wish it, and who present evidence of their fitness for such work.

The session of nine months will be divided into trimesters of three months each. The student will be expected to take a full trimester's work, which will comprise a complete whole. For anyone who finds it impossible to remain away from his practice for this length of time, tickets for six weeks will be issued. Anyone taking only one-half of a regular trimester may return at any time and complete the course, receiving full credit for the work done, and the tuition which has been paid.

The clinical work will be done in the University Free Dispensary and the Hillman Hospital, utilizing the wealth of material available in these two institutions.

## REQUIREMENTS FOR ADMISSION

All graduates of recognized medical schools and all physicians licensed to practice medicine are eligible for admission.



## COURSES OF INSTRUCTION

## Course A.

Medicine  
Physical Diagnosis  
Neurology  
Pediatrics  
Dermatology  
Clinical Pathology  
One elective

The work in this course will include beside studies in diagnosis, clinical conferences and didactic lectures. The lectures will be designed to meet the needs of the man in general practice and are intended to give him an insight into the newer things of medicine.

Clinical pathological conferences will be held, at which autopsy, material from patients seen in the hospital will be examined and the clinical diagnosis as shown by the hospital records compared with the pathological findings.

## Course B.

General Surgery  
Gynaecology and Abdominal Surgery.  
Genito-Urinary Surgery  
Orthopedic Surgery  
Operative work on cadaver and animals  
Clinical Pathology  
One elective

This course will include general surgical and gynaecological diagnosis both at the bedside and in the amphitheater as well as in the University Free Dispensary. The abundant material in the hospital furnishes a great variety of cases in all the special departments of surgery. Operative work on the cadaver is done in suitably appointed operating rooms in the main building.

Each matriculate taking course A or B, will be required to do a certain amount of laboratory work in the department of pathology. He will receive practical instruction in urine, sputum and blood work suitable to the needs of the general practitioner.

Three electives are offered and each student in courses A and B will be required to choose one of these. The electives are:

- (1) Eye
- (2) Ear, Nose and Throat
- (3) Obstetrics

The work in these three departments will have in view the needs of the man in general practice and will be designed to give him instruction bearing upon his daily work. The obstetrical wards in the new addition to the Hillman Hospital offer adequate facilities for teaching aseptic midwifery as well as the usual obstetrical operations.

#### Course C.

Histology  
Pathology  
Bacteriology  
Clinical Pathology

This course is designed for laboratory workers and will keep the matriculate constantly in the laboratory. Practical autopsy work and the cutting, staining and mounting of sections will be given as well as instruction in the diagnosis of pathological tissues.

The preparation of culture media and general bacteriologic study will be included.

Clinical pathology will include the study of urine, sputum, feces and gastric contents and the technique of the Wasserman reaction.

#### Course D.

Public Health  
Tropical Medicine  
Bacteriology

This course is designed to meet the needs of county and municipal health officers and of other physicians interested in public health. Lectures in public health and tropical medicine will be given and the work in bacteriology will, with certain additions, be parallel with that given in Course C.

## SPECIAL COURSES

## Special Course E

Beginning November 2, and lasting six months, will be given a course in general pathology addressed chiefly to those physicians and surgeons of Birmingham and vicinity who wish to acquire a more intimate knowledge of pathological processes or to revise the knowledge acquired in earlier studies.

The regular studies in pathology will be preceded by a review of human histology. Gross pathologic material will be shown and microscopic sections from the same material will then be demonstrated.

These studies will include those pathologic processes of most interest to the physician or surgeon.

The work in this course will be done from 8 to 10 p. m. two evenings each week.

## EXPENSES

Tuition, payable in advance, is as follows:

For each complete course (three months).....	\$75.00
For each one-half course (six weeks).....	40.00
For special course E .....	25.00

## BOARD

Good board can be procured for from \$25.00 to \$30.00 per month. The Secretary will, upon inquiry, furnish a list of suitable near-by boarding houses and hotels.

For further information apply to

DR. G. S. GRAHAM, Secretary,  
1920 Avenue F.,  
Birmingham, Ala.

# Department of Pharmacy

MOBILE.

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A.M., Ph.D., LL.D.,  
President.

EUGENE D. BONDURANT, M.D.,  
Dean.

TUCKER H. FRAZER, M.D.,  
Secretary and Treasurer.

## FACULTY

J. F. HARRISON, M.D.,  
Professor of Pharmacy and Chemistry.

H. A. MOODY, M.D.,  
Professor of Materia Medica.

TOULMIN GAINES, M.D.,  
Professor of Microscopy and Histology.

F. L. HALEY, B.S., Ph.G.,  
Professor of Physiological Chemistry.

ANDREW H. RYAN, M.D.,  
Professor of Physiology and Pharmacology.

J. J. PETERSON, M.D.,  
Instructor in Materia Medica.

The next session of the department of pharmacy of the University of Alabama will begin Wednesday, September 23, 1914, and will close Friday, May 28, 1915. The work of this department is conducted in the buildings of the school of medicine, the equipment of which is utilized as far as possible for the purposes of this department.

## REQUIREMENTS FOR ADMISSION

The requirements for admission to the course in pharmacy are the completion of a two-year high school course, or its equivalent.



## PLAN OF INSTRUCTION

The plan includes didactic lectures, table demonstrations, recitations, and laboratory work in the laboratories of microscopy, chemistry, and pharmacy, and practical work in the University dispensary.

The degree of graduate in pharmacy is conferred upon those students who complete in a satisfactory manner the course of study outlined below.

The course extends through two sessions of eight full teaching months each, and is given by lectures with table demonstrations, laboratory practice, recitations, and examinations, and is distributed or divided as follows:

Subject.	Year.	Hours.	Year.	Hours.	Total Hours.
Materia Medica .....	1st	200	2nd	140	300
Chemistry .....	1st	200	2nd	200	400
Pharmacy .....	1st	140	2nd	160	300
					<hr/> 1000

## MATERIA MEDICA

## FIRST YEAR.

Botany (morphology, physiology, classification, etc.).....	45 hours.
General facts and principles of Materia Medica.....	10 hours
Prof. J. F. Harrison and Assistants.	
Physiology, Animal .....	30 hours.
Professor Ryan and Assistants.	
Microscopy, care and use of microscope (simple and compound), micrometry, preparation and mounting of materials, etc. ....	10 hours.
Histology of the plant.....	40 hours.
Prof. Gaines and Assistants.	

## SECOND YEAR.

Histological Pharmacognosy (microscopical study of whole and powdered drugs for identity and purity) .....	35 hours
Posology and Toxicology.....	35 hours.
Therapeutics, and prescription writing.....	35 hours
Prof. Gaines and Assistants.	
Pharmacodynamics (pharmacology) .....	35 hours.
Prof. Ryan and Assistants.	

## CHEMISTRY

## FIRST YEAR.

Chemical Physics, Inorganic Chemistry, Theory, Practical Chemistry (manufacturing, qualitative analysis and introduction to quantitative)..... 200 hours.  
Prof. Harrison and Assistants.

## SECOND YEAR.

Chemistry, organic, pharmaceutical, manufacturing, qualitative and quantitative, drug assaying..... 300 hours.  
Prof. Harrison and Assistants.  
Physiological Chemistry ..... 105 hours.  
Prof. Haley and Assistants.

## PHARMACY

## FIRST YEAR.

General facts, history, arithmetic, Latin, metrology, heat and its applications, comminution, solution, separations and other processes, making of typical preparations of the waters, syrups, etc., pharmacy of inorganic substances..... 140 hours.  
Professor Harrison and Assistants.

## SECOND YEAR.

Pharmacy of the organic drugs, manufacturing and commercial pharmacy, Latin and arithmetic continued, making of selected preparations of the Pharmacopoeia and National Formulary..... 160 hours  
Professor Harrison and Assistants.

## EXAMINATION AND GRADES

Examinations, oral, written or both are held during the course, at the discretion of the teacher in charge, and at the close of each course a final examination in the subjects of the course is held.

## GRADING

Grading on all exercises, didactic, practical, oral and written are made by percentage and expressed, as follows:

- Grade A. 90 to 100 per cent, inclusive, satisfactory.
- Grade B. 81 to 89 per cent, inclusive, satisfactory.
- Grade C. 70 to 80 per cent, inclusive, satisfactory.
- Grade D. Below 70 per cent, unsatisfactory.

### REQUIREMENTS FOR GRADUATION

The candidate must be of good moral character. His record of good conduct during his relation with the University must have been satisfactory to the faculty.

He must have completed two full courses in some recognized school of pharmacy of at least eight months each, the last of which must have been in this institution.

He must have performed all required laboratory work in a satisfactory manner and have passed satisfactory examinations at the close of the last year and have paid all required fees, including the diploma fee.

Work done in other departments of the University will be credited.

The same rules governing the students, their relations to the institution and at examination, which apply to the school of medicine, will obtain in this department.

### FEEES

The annual fee for the course in pharmacy is \$90.00 a session. This amount covers the cost of material and apparatus used, and all laboratory expenses, as well as the matriculation fee.

The graduation fee is \$15.00, payable at the time application for graduation is filed. In case the diploma is not granted, this fee is returned to the applicant.

A contingent fee of \$10.00 is required of each student to cover damage or loss to apparatus or property. This fee, less any deductions for loss or damage is returned to the student at the end of the session.

### EXPENSES OTHER THAN FEES

Board, lodging, fuel, lights, laundry, for each year	
average .....	\$190.00
Text-books, note books, etc., average for each year	25.00

### TEXT-BOOKS REQUIRED CHEMISTRY.

First Year: Sadtler and Coblenz, Vol. I. Kellas.

First Year: Sadtler and Coblenz, Vol. I. Kellas.

Price and Twiss, Practical Organic Chemistry.

## BOTANY.

First Year: Bergen.

Second Year: Schneider, Pharmaceutical and Bacteriology.

## PHARMACY.

First and Second Years: Remington, U. S. Pharmacopoeia, National Formulary.

## MATERIA MEDICA.

First Year: No text.

Second Year: Hatcher and Solman; Culbreths; Rudimanns, Incompatibles.

Physiology:

Pharmacology:

## Books for Reference

Watts Dictionary, Roscoe and Schorlemmer, Hallerman, Fresenius, Arny, Caspari, Coblenz, Dispensatories, Scoville, etc. etc. Kramer, current magazines, medical chemical and pharmaceutical—all on the shelves of the Library or of the Pharmacy rooms.

## MISCELLANEOUS

Special courses for applicants for state board examinations are given, but cannot be credited toward graduation.

The Ph.G. certificate of this department is accepted by the Alabama state board in lieu of two years' drug-store experience.

For further information, address the Dean of the Department of Pharmacy, Mobile, Ala.



# Students

## COLLEGE OF ARTS AND SCIENCES GRADUATE STUDENTS

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Campbell Houston Gillespie.....	Madison .....	A. M
Thomas Carson McCormick.....	Tuscaloosa .....	A. M.
Robert Toombs Milner.....	Equality .....	A. M.
Mrs. Ira Bradfield Moody.....	Tuscaloosa .....	Special
Jefferson Cumley Pennington.....	Wetumpka .....	A. M.
Toxey Hannon Sewell.....	Titus .....	A. M.
James Wesley Vann.....	Birmingham .....	A. M.

## SENIORS

Memory Lee Aldridge.....	LaFayette .....	A. B.
Robert Charles Allison.....	Springville .....	B. S.
Idyllette Evelyn Batte.....	Summerfield .....	A. B.
Fannie Mabel Benson.....	Forest Home .....	A. B.
James Edgar Bowron.....	Birmingham .....	B. S.
Gregory Billups Brown, Jr.....	Birmingham .....	B. S.
Rollin Browne.....	Talladega .....	A. B.
Omer Carmichael .....	Hollins .....	A. B.
Tryphena Gregg Chase.....	Birmingham .....	B. S.
Hugh Moss Comer.....	Birmingham .....	B. S.
Emery Wiley Corley.....	Rockford .....	A. B.
Ralph Waldo Cowart.....	Troy .....	B. S.
William Webb Crawford, Jr.....	Birmingham .....	B. S.
Frances Watkins Davis.....	Tuscaloosa .....	B. S.
Lewy Dorman .....	Clayton .....	B. S.
James Mason Douglass.....	Russellville .....	A. B.
William Graham Echols.....	Gadsden .....	A. B.
Oma Lee Epperson.....	Ensley .....	A. B.
Irene Erwin.....	Boyles .....	A. B.
William M. Faust, Jr.....	Clio .....	B. S.
Marcus J. Fletcher.....	Andalusia .....	A. B.
Richard Clarke Foster.....	Montgomery .....	A. B.
Wyley Barnett Gay.....	Montgomery .....	A. B.
James Booth Gibbons.....	Montgomery .....	A. B.
Noble Frank Greenhill.....	Russellville .....	A. B.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Anna Virginia Hale.....	Tuscaloosa .....	A. B.
Charles Marshall Hamilton.....	Russellville .....	A. B.
Griffith Rutherford Harsh, Jr.....	Birmingham .....	B. S.
Sara Torbit Henry.....	Oak Hill .....	A. B.
Joseph Lister Hill.....	Montgomery .....	A. B.
Roy Keith Hood.....	Roanoke .....	A. B.
Claude Allison Hope.....	Sunny South .....	A. B.
Jesse Hamilton Jackson.....	Alexander City .....	A. B.
Bushnell Bennett Johnson.....	Gadsden .....	B. S.
J. Fred Johnson, Jr.....	Florence .....	A. B.
Richard Earle Jones.....	Jones Mills .....	A. B.
Lemuel Oscar Kyzar.....	Troy .....	B. S.
Thomas J. Leslie.....	Weogufka .....	B. S.
William Arthur McGuff.....	University .....	B. S.
Daniel World McLean.....	Clio .....	A. B.
Zella Abigale McWhorter.....	Riverton .....	B. S.
Frontis Hall Moore.....	Akron .....	A. B.
Walter Flake Oakley, Jr.....	Columbia .....	A. B.
Ruby Patton.....	Tuscaloosa .....	A. B.
Hilda Agatha Penix.....	Montgomery .....	A. B.
Calvin Poole.....	Greenville .....	A. B.
Emmett Gordon Radford.....	Alexander City.....	A. B.
William Allen Reagan.....	Delta .....	B. S.
J. Alex Reynolds.....	Ozark .....	A. B.
Lessie Reynolds .....	Jemison .....	A. B.
Cassie Belle Robinson.....	New Decatur .....	A. B.
Annie Laurie Sellers.....	Franklin .....	B. S.
Marion Beirne Spragins .....	Huntsville .....	A. B.
Ernest Kimbrough Staggers.....	Benton .....	A. B.
Sellers Stough.....	Red Level .....	A. B.
Roy Milner Thigpen.....	Birmingham .....	A. B.
George William Thompson.....	Montgomery .....	A. B.
Lucy Elizabeth Ulmer.....	Butler .....	B. S.
Coleman Hargrove Vande Graaff.....	Tuscaloosa .....	A. B.
Anita Caroline Waldhorst.....	Birmingham .....	A. B.
Forrest S. Ward.....	Troy .....	B. S.
Charles Spencer Warren.....	Montgomery .....	A. B.
Eugene Watts.....	Caledonia .....	A. B.

## JUNIORS

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Virgil Oates Barnard.....	Ozark .....	A. B.
Charles Heyward Barnwell, Jr.....	Tuscaloosa .....	A. B.
John Spiers Bibb.....	Elmore .....	A. B.
Pete Crispell Black.....	Troy .....	A. B.
John Wesley Brown, Jr.....	Sylacauga .....	A. B.
Joseph Lucien Brown.....	Gadsden .....	Irreg.
William Matthew Brunson.....	Elba .....	B. S.
Peyton Daniel Burford.....	Camden .....	A. B.
Earl Roy Campbell.....	Columbia .....	A. B.
Patrick Henry Carmichael.....	Goodwater .....	B. S.
Lenna Denney.....	Milltown .....	A. B.
Homer G. Dyer.....	Altoona .....	B. S.
Elvira Katherine Farrah.....	Tuscaloosa .....	A. B.
James Martin Farris.....	Elba .....	B. S.
Beula Garrett .....	Tallassee .....	A. B.
Guy Gilliland .....	University .....	B. S.
Frederick True Given.....	Gurley .....	A. B.
Peter Thomas Hodo.....	Millport .....	A. B.
Will Miller Humphrey.....	Huntsville .....	A. B.
Joseph Leon Israel.....	Birmingham .....	A. B.
Benjamin Burwell Johnston.....	Meridian, Miss. ....	A. B.
Robert Alexander Johnston.....	Tuskegee .....	B. S.
Charles West Joplin.....	Gurley .....	A. B.
Fred Albert Lewis.....	Talladega .....	A. B.
Louise Marshall McCain.....	Livingston .....	A. B.
James Lamar McCann.....	Tuscaloosa .....	B. S.
David Douglas McGiffert.....	Tuscaloosa .....	A. B.
Sterner St. Paul Meek.....	Chicago, Ill. ....	B. S.
John Enoch Middlebrooks.....	University .....	B. S.
William Henry Milner.....	Columbiana .....	A. B.
Thomas McAdory Owen, Jr.....	Montgomery .....	A. B.
Joseph David Peeler.....	Huntsville .....	A. B.
Ida Louise Ray.....	Jasper .....	A. B.
William Seale.....	Florence .....	A. B.
Robert Tennent Simpson, Jr.....	Florence .....	A. B.
James Edward Thompson.....	Princeton .....	A. B.
Leslie Anderson Walker.....	Ensley .....	B. S.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Rowe Watson.....	Enterprise .....	B. S.
Aubie Bertram Wells.....	University .....	B. S.
Mae Williams.....	Albertville .....	A. B.
Ruth Agnes Yerion.....	Citronelle .....	A. B.

## SOPHOMORES

George Jones Alston, Jr.....	Tuscaloosa .....	A. B.
Evangeline Ashbaugh.....	Tuscaloosa .....	Irreg.
Mary Barrett Ashbaugh.....	Tuscaloosa .....	B. S.
Frank M. Atkins.....	Heflin .....	A. B.
Harvey D. Baldrige.....	Ashford .....	B. S.
Willis Alston Banks.....	Eutaw .....	A. B.
Emmett Norman Barnes.....	Ozark .....	B. S.
George Elbert Barnett.....	Rogersville .....	A. B.
Anna Elizabeth Boulet.....	Mobile .....	A. B.
Carolyn Louise Brown.....	Birmingham .....	A. B.
Kathrina Brown.....	Tuscaloosa .....	A. B.
Jesse DeWitt Burkhead.....	Opelika .....	A. B.
Levert Daniel Bynum.....	Blountsville .....	B. S.
James Chrietzberg.....	Eclectic .....	B. S.
Stuart Coleman.....	Birmingham .....	A. B.
Aubrey Chester Cooper.....	Northport .....	A. B.
Joseph Jenkins Cornish.....	New Decatur .....	A. B.
Daphne Cunningham .....	Tuscaloosa .....	A. B.
John Cottingham Curry.....	Union Springs .....	B. S.
John Fant DeMoville.....	Boligee .....	A. B.
William George Dooly.....	Boaz .....	A. B.
James Judkins Durr.....	Montgomery .....	B. S.
Harriet Erline Durrett.....	Northport .....	A. B.
Philip Edwards.....	Birmingham .....	A. B.
James Wallis Elliott.....	Talladega .....	B. S.
John Adolph Erickson .....	Mobile .....	Irreg.
Herbert Lyman Findley .....	Tuscaloosa .....	A. B.
Arthur Key Foster.....	Troy .....	A. B.
John Collier Foster.....	Northport .....	A. B.
Stuart Harrison Frazer.....	Birmingham .....	B. S.
Howard Monroe Fulenwider.....	Birmingham .....	A. B.
Susie Gardner Ginnavan.....	Montgomery .....	A. B.



<i>Name</i>	<i>Residence</i>	<i>Course</i>
Robert Montgomery Goodall, Jr.	Birmingham	A. B.
Arthur Green	Bessemer	A. B.
James Holden Hagan	Mobile	Irreg.
Arthur McArthur Hamilton, Jr.	Huntsville	A. B.
Grace Savanna Harrison	Midway	A. B.
Ruth Hartung	New Decatur	A. B.
Omar Slaughter Heard	Camp Hill	B. S.
Mims Torrey Jemison	Tuscaloosa	A. B.
Leo Milton Karpeles	Birmingham	A. B.
John Alexander Kirkpatrick, Jr.	Montgomery	A. B.
Bessie Kitchens	Jasper	A. B.
Eli Jefferson Landers	Newell	A. B.
Miriam Gaston Lehman	Greenville	B. S.
Alva Bibb Levystein	Montgomery	A. B.
Corley Campbell McEachern	Brundidge	A. B.
George Roland McElroy, Jr.	Cuba	B. S.
William Henry McGowen	Cuba	B. S.
Osgood Cook McIntrye	University	A. B.
Virginia McWhorter	Milstead	B. S.
Wallace Davis Malone	Dothan	B. S.
Ethridge McCoy Manning	Talladega	A. B.
Robert Gordon Martin	Thomasville	B. S.
James William Milner	Huntsville	B. S.
Capitola Bruce Moody	Birmingham	A. B.
William Robert Moore	Mobile	B. S.
William Webb Moseley	Faunsdale	A. B.
George Frederic Neilson	Tuscaloosa	A. B.
Marion Lamar Oakley	Columbia	A. B.
Claudia Angeline Paisley	Selma	A. B.
Frank Davis Parham	Gainesville	A. B.
Clifton Edward Pearce	Hamilton	B. S.
James Overby Pearson	Alexander City	A. B.
John Hale Pearson	Alexander City	A. B.
Jennie Caroline Perkins	New Decatur	A. B.
Roy Lindsay Phillips	Boaz	B. S.
John Richard Porterfield	Greenville	B. S.
Samuel Houston Power	Opelika	A. B.
Alfred Ernest Propst	Ensley	A. B.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Wightman Melton Rayburn.....	Guntersville .....	A. B.
John Ingle Riddle.....	Huntsville .....	A. B.
Bruce McGowin Robbins.....	Samson .....	B. S.
Lauchlin McKinnon Rozier.....	Opp .....	A. B.
Bradley Johnson Saunders, Jr.....	Birmingham .....	A. B.
Augusta Tunstall Searcy.....	Tuscaloosa .....	A. B.
Mary Shipp.....	Scottsboro .....	A. B.
Charles Newton Sisson.....	Jacksonville .....	A. B.
Thomas Luther Smith.....	Blowhorn .....	B. S.
John Milton Snodgrass.....	Scottsboro .....	A. B.
Thomas A. Snow.....	Palos .....	B. S.
William Collinsworth Steagall.....	Abbeville .....	A. B.
Mose Hudson Tapia.....	Mobile .....	A. B.
William Pratt Thomas.....	Prattville .....	B. S.
Henry Grady Tiller.....	Hartford .....	A. B.
William Travis VandeGraaff.....	Tuscaloosa .....	A. B.
Edward Ebenezer Verner, Jr.....	Richland, S. C.....	B. S.
Percy Edward Wallace, Jr.....	Ackerville .....	A. B.
Elma Lucille Warley.....	Mobile .....	A. B.
Mrs. Lillias Ricker Warren.....	Wells River, Vt.....	A. B.
Frances Fones Williams.....	Birmingham .....	A. B.
Gerald Guinness Woodruff.....	Anniston .....	A. B.

## FRESHMEN

James McLeod Adams.....	Huntsville .....	A. B.
John Edmund Adams.....	Jackson .....	A. B.
Leon Bernard Allen.....	Cottondale .....	B. S.
James Lamar Appleton.....	Collinsville .....	B. S.
George Charner Batson.....	Bessemer .....	A. B.
Levi Becker .....	Jasper .....	B. S.
John Crues Bell.....	Deer Brook, Miss.....	A. B.
Virgil Bell.....	Decatur .....	A. B.
Earney Bland.....	Hanceville .....	Irreg.
Thomas Blanton .....	New Market.....	A. B.
Clifton Oliver Blauvelt.....	Maplesville .....	A. B.
Foy Ernest Blue.....	Elba .....	B. S.
Sam Harp Blue.....	Elba .....	B. S.
John Randolph Bolling.....	Mobile .....	A. B.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Clark Waganer Booth.....	Mobile .....	B. S.
Augustine Stephen Borders.....	Ozark .....	A. B.
Jefferson Denman Box.....	Vernon .....	A. B.
Harwood Christian Bowman.....	Montgomery .....	B. S.
Harold Alfred Bowron.....	Birmingham .....	B. S.
Margaret Martha Britton.....	Anniston .....	A. B.
Emmett Treadwell Brunson.....	Elba .....	A. B.
Lucie Eddins Buchanan.....	Birmingham .....	A. B.
Charles Walter Campbell.....	Columbia .....	A. B.
Charles Elmore Carmichael .....	Tuscumbia .....	A. B.
John Leslie Carmichael.....	Goodwater .....	A. B.
Wilford Caulkins, Jr.....	Tuscaloosa .....	A. B.
Stanhope Elmore Chamberlain.....	Mobile .....	A. B.
Ethel Bestor Chiles.....	Ensley .....	A. B.
Mabel Chilton .....	Montgomery .....	A. B.
Jennie May Clarke.....	Abbeville .....	B. S.
Ezra Wilson Coleman .....	Jasper .....	Irreg.
William Davis Colley.....	Brundidge .....	A. B.
Chappell Cory, Jr. ....	East Lake .....	A. B.
Orville Menees Coston.....	Birmingham .....	A. B.
Richard Lamar Crawford.....	Mobile .....	Irreg.
John Pierce Culver.....	Dothan .....	A. B.
John Jefferson Davenport.....	Tuscaloosa .....	A. B.
Murphy Lester Davis.....	Tuscaloosa .....	B. S.
Susie Venable Davis.....	Tuscaloosa .....	Irreg.
Henry Britt Deal.....	Columbia .....	A. B.
Charles Henry Dees .....	Georgiana .....	A. B.
Augustus Proal Dorgan, Jr.....	Mobile .....	Irreg.
Blevins Coke Dunklin.....	Selma .....	A. B.
Findley Durrett .....	Northport .....	B. S.
James Stewart Edson.....	Montgomery .....	A. B.
Jackson Christopher Miles		
Enslen .....	Birmingham .....	A. B.
Cecil Vincent Fain.....	Ozark .....	A. B.
Clem Cleveland Faulk.....	Samson .....	A. B.
Norma Fortner .....	Dothan .....	B. S.
John Foscue .....	Grove Hill .....	B. S.
Margaret Foster .....	Rock Castle .....	A. B.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Samuel Palmer Gaillard.....	Mobile .....	A. B.
Solomon Garden .....	Corona .....	A. B.
Roy Stuart Garrett.....	Montgomery .....	A. B.
Bascon Hurley Godwin.....	Ozark .....	A. B.
Thomas Owen Goodbrad, Jr.....	Mobile .....	B. S.
William Gray, Jr.....	Dadeville .....	A. B.
Melton Marcus Greene.....	Winfield .....	B. S.
Carlisle Brazile Grisham.....	Athens .....	B. S.
James Adolphus Hagin.....	Ragland .....	B. S.
Henry Harrison Hale.....	Tuscaloosa .....	B. S.
Reynolds Jennings Hamilton.....	Knoxville .....	A. B.
Mamie Lucile Hampton.....	Tuscaloosa .....	B. S.
Frank Hannon.....	Montgomery .....	A. B.
James Harris Hardy.....	Columbus, Miss.....	B. S.
Everett Albert Harris .....	New Decatur .....	B. S.
Leonard Pratt Harvey.....	West Blocton .....	A. B.
George Washington Haskeew.....	Whatley .....	B. S.
William Carl Hatchett.....	Athens .....	B. S.
Bertha Nill Hausman.....	Tuscaloosa .....	B. S.
John Edwin Havis.....	Tuscumbia .....	A. B.
John White Heidt.....	Birmingham .....	A. B.
Connie R. Helms.....	Elba .....	A. B.
Albert Gallatin Henry.....	Guntersville .....	B. S.
Cumbee Wood Herren.....	Dadeville .....	A. B.
Thomas Wade Herren.....	Dadeville .....	A. B.
Luther Leanidas Hill, Jr.....	Montgomery .....	A. B.
Lucien Malcom Hood.....	Birmingham .....	B. S.
Henry Azro Huckaby.....	LaFayette .....	B. S.
Henry Izard .....	Mobile .....	B. S.
Anderson B. Jaffe.....	Birmingham .....	B. S.
Thornley Schoolar Jobe.....	Birmingham .....	A. B.
James Goree Johnson.....	Wetumpka .....	A. B.
Fred Martin Johnston.....	Boligee .....	B. S.
Samuel Jesse Johnston.....	Birmingham .....	A. B.
Henry Robert Jones.....	Sweetwater .....	A. B.
Henry Thomas Jones.....	Jones Mills .....	A. B.
Lonnie Roscoe Julian.....	Blountsville .....	Irreg.
Benjamin Hughes Kennedy, Jr.....	Birmingham .....	A. B.



<i>Name</i>	<i>Residence</i>	<i>Course</i>
Roy Wood Kimbrough.....	Thomasville .....	A. B.
Rose Vernon Laney.....	Mobile .....	A. B.
Jarrett Law .....	Red Level .....	B. S.
Rianzo Jay Lawrence, Jr.....	Union Springs .....	A. B.
William Lovard Lee, Jr.....	Columbia .....	A. B.
Mamie Iona Liles .....	Roanoke .....	Irreg.
Rufus Emmett Long.....	Moulton .....	B. S.
Willard Monroe Long.....	Charlotte, N. C.....	A. B.
Felix Hale McCann.....	Tuscaloosa .....	A. B.
Thad Barrow McCarty.....	Slocomb .....	A. B.
Robert Emmet McClellan .....	West Point, Miss.....	B. S.
Clyde McKay .....	Wedowee .....	A. B.
Mamie McKay .....	Wedowee .....	A. B.
Rubie McKay .....	Wedowee .....	B. S.
George Yewell Malone.....	Dothan .....	B. S.
Randolph Tucker Marshall.....	Mobile .....	A. B.
Dorothea Dale Mayo.....	Cullman .....	A. B.
John Conley Merchant.....	Ashville .....	B. S.
Benjamin Meek Miller, Jr.....	Camden .....	B. S.
Hugh Cleveland Miller.....	Enterprise .....	B. S.
Margaret Elizabeth Mitchell.....	Anniston .....	B. S.
William Hollie Moncrief.....	Prattville .....	B. S.
Leon Maurice Montgomery.....	Montgomery .....	B. S.
James Kenneth Morris.....	Tuscaloosa .....	A. B.
John Billie Morris.....	Sulligent .....	B. S.
Jackson Lavelle Morrow.....	Plantersville .....	A. B.
Pope Lloyd Moseley, Jr.....	Hartford .....	B. S.
James Edward Neighbors, Jr.....	Moundville .....	B. S.
Jesse James Newman.....	Buffalo .....	B. S.
Thomas Jefferson Norman.....	Montgomery .....	B. S.
Albert Foster Norton.....	Louisville .....	B. S.
James Searcy Parker.....	Elrod .....	B. S.
Sidney Edward Patterson.....	Decatur .....	B. S.
William Marshall Patterson.....	Atmore .....	A. B.
William Bankhead Perry.....	Jasper .....	Irreg.
Robert Lycurgus Petty, Jr.....	Clayton .....	A. B.
Robert Newton Pitts, Jr.....	Pittsview .....	B. S.
Edgar Allan Poe.....	Mobile .....	B. S.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
James Stephen Pridgen.....	Enterprise .....	B. S.
Luney Varnon Ragsdale.....	Bessemer .....	A. B.
Cas Reagan .....	Delta .....	B. S.
Eldridge Wiley Reese.....	Birmingham .....	B. S.
Virgil Tipton Roach .....	Birmingham .....	A. B.
Christine Robbins .....	Ensley .....	B. S.
Brison Oakley Robertson .....	Trenton .....	Irreg.
Robert Emmet Rodes, Jr.....	Tuscaloosa .....	A. B.
Howell People Rogers.....	Forest Home .....	A. B.
Jesse Mercer Rowe .....	Elba .....	A. B.
James Thomas Rowell.....	Selma .....	A. B.
John T. Sanders.....	Beatrice .....	B. S.
Camille Tunstall Searcy.....	Tuscaloosa .....	A. B.
Mamie Sellers .....	Franklin .....	B. S.
Fred Hall Sharp .....	Moundville .....	B. S.
Elizabeth Allison Smith.....	Birmingham .....	A. B.
Harley Athern Smith.....	Hamilton .....	A. B.
James Madison Smith.....	Headland .....	A. B.
John Hamilton Smith.....	Bay Minette .....	A. B.
Thomas Lathem Smith.....	Key .....	B. S.
George Harper Stacy.....	Centerville .....	B. S.
Virginia Lee Stiggins.....	Mobile .....	B. S.
Ernest Duren Stringfellow.....	Reform .....	B. S.
Harry Burgess Sugg.....	Huntsville .....	B. S.
James Murphy Summerville, Jr.....	Aliceville .....	B. S.
William Chalmers Summerville.....	Aliceville .....	B. S.
William Malcolm Tatum.....	Prattville .....	A. B.
Edward Ira Taylor.....	Arab .....	B. S.
Ralph Cage Thomas.....	Ashby .....	A. B.
John Homer Thompson.....	Stroud .....	B. S.
Osmond Burnie Thompson.....	Clanton .....	A. B.
Memnon Tierce .....	Northport .....	A. B.
Jesse Bethea Walter, Jr.....	Snowdown .....	A. B.
James Mayfield Ward.....	Centerville .....	B. S.
Louis Weatherford .....	Tuscaloosa .....	A. B.
Harry Jones White .....	Birmingham .....	A. B.
William Vance Wier .....	Gadsden .....	B. S.
Rivers Wiggins .....	Evergreen .....	A. B.

## STUDENTS

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<i>Name</i>	<i>Residence</i>	<i>Course</i>
William Washington Wilkerson.....	Montgomery .....	A. B.
Paul Leon Williams .....	Gadsden .....	B. S.
Harry Bernard Williamson.....	Gurley .....	Irreg.
William Flake Woodruff .....	Alexandria .....	B. S.
Joseph Almoth Woods.....	New Decatur .....	A. B.
Lewis Green Woodson, Jr.....	Birmingham .....	A. B.
Robert Toombs Yarbrough.....	Lamar .....	B. S.

## SPECIAL STUDENTS

<i>Name</i>	<i>Residence</i>
Mrs. Ada McClelland Alter.....	University
Angelos Benetos.....	Cimy, Greece
Basil Clarke .....	Birmingham
Aubrey Eugene Costen.....	Red Level
William Linton Henderson.....	Montgomery
John Smith Henry.....	Birmingham
Isaac Clifton Huggins .....	Waynesboro, Miss.
Charles Arthur Lewis .....	Eutaw
John Thomas Martin .....	Jacksonville
Mrs. Edith Howe Middlebrooks.....	Tuscaloosa
James Shadric Morris .....	Anniston
Emmett Oates Parish .....	Clayton
Charles Robert Rogers .....	Tuscaloosa
Frank Simpson Wells .....	Ensley
Frank K. Williams .....	Townley
Hernando Desoto Wilson .....	Northport

## COLLEGE OF ENGINEERING

## GRADUATE STUDENTS

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Charles Allen Long.....	Bessemer .....	M. E.
Charles Douglas Riddle.....	Talladega .....	C. E.

## SENIORS

Charles Arthur Abele.....	Ensley .....	Ch. E.
Otis Welborn Dresslar.....	Nashville, Tenn. ....	C. E.
William McDow Johnston.....	Holt .....	E. E.
Andrew McMurray Miller.....	Nanafalia .....	E. E.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
Archie Gowen Riddick.....	Gurley .....	E. E.
Merrill Pratt Smith.....	University .....	C. E.
Gaston Drake Stollenwerck, Jr.....	Uniontown .....	M. E.
Guy Everett Whitman.....	Boaz .....	E. E.

## JUNIORS

John Dowthat Clark.....	Birmingham .....	C. E.
Andrew Adair Coffin.....	Mobile .....	E. E.
William Abner Holt.....	Mobile .....	C. E.
Raymond William Jones.....	Huntsville .....	C. E.
Henry Benton Love.....	New Market .....	C. E.
Harry Jones McCormack.....	Birmingham .....	E. M.
Lucius Bonner McLeod .....	University .....	C. E.
Thomas Cummings Manning.....	Talladega .....	C. E.
Neil Neville .....	Birmingham .....	E. M.
James Oldshue .....	Sulligent .....	C. E.
Stark Orlando Park .....	Alexander City .....	C. E.
Leonard Sims Pratt .....	Prattville .....	M. E.
Hugh Sutherland Sherman.....	Columbus, Miss.....	E. E.
Enoch Morgan Stickney.....	University .....	C. E.
Rhett Larkin Williamson.....	Hartford .....	C. E.

## SOPHOMORES

Francis Henry Austin.....	Tuscaloosa .....	C. E.
Milton Erwin Baird.....	Bessemer .....	M. E.
Lester Tucker Boyles.....	Thomasville .....	C. E.
John Broyles .....	University .....	E. M.
Charles Carson Busbee .....	Mobile .....	M. E.
Charles Jackson Cargile.....	Bessemer .....	M. E.
Robert Harvey Cobb.....	Cherokee .....	C. E.
Brooks Connell .....	Brundidge .....	C. E.
Floyd Lee Craig .....	Montgomery .....	E. E.
Charles Richard Dickinson.....	Birmingham .....	E. E.
Jeter George Dickinson, Jr.....	Gadsden .....	E. E.
Russell Lawrence Jenkins.....	New Decatur .....	Ch. E.
Thomas Daniel Johnson.....	Ozark .....	E. E.
John Herbert Jones.....	Dadeville .....	Irreg.
Woolsey Finnell Jones.....	Tuscaloosa .....	C. E.
Robert Love Kenan.....	Selma .....	C. E.



<i>Name</i>	<i>Residence</i>	<i>Course</i>
Clifford Lamar .....	Selma .....	E. E.
John Calvin Lewis .....	James .....	C. E.
Harold Bradshaw Makin.....	Livingston .....	E. E.
Robert Thomas Palmer .....	Jasper .....	M. E.
Alonzo Browne Prude.....	Tuscaloosa .....	C. E.
Joel Herron Rainer.....	Union Springs .....	C. E.
Calhoun Stephen Saul.....	Montgomery .....	E. E.
Lewis Martin Smith.....	Birmingham .....	E. E.
Julian Wilson Stephenson.....	Tuscaloosa .....	M. E.
Clarence Nathan Touart.....	Mobile .....	E. E.
Arthur Thomas Veazey .....	LaFayette .....	E. E.
Burl Stevens Watson .....	Lincoln .....	E. E.
Charles William White .....	Birmingham .....	E. M.

## FRESHMEN

Otto Hamblin Agricola .....	Gadsden .....	C. E.
Thomas Jefferson Amiss, Jr.....	Jasper .....	C. E.
Charles Frederick Anderson.....	Birmingham .....	E. M.
Samuel Henry Andrews.....	Jackson .....	C. E.
Albert Lawton Arendale.....	Reform .....	E. E.
Henry Croom Bethea.....	Faunsdale .....	E. E.
William Henry Bryce .....	Minden, La. ....	E. E.
Basil Manly Burks.....	Tuscaloosa .....	M. E.
Clarence Elmore Cason .....	Talladega .....	C. E.
Lucian Alley Cowan.....	Mobile .....	E. E.
Creighton Wanless Duffey .....	Boaz .....	E. E.
Preston Sidney Findley.....	Tuscaloosa .....	C. E.
Clinton Lafayette Franklin.....	Memphis, Tenn.....	C. E.
Allen Fulton Frazer, Jr.....	Montgomery .....	E. E.
William Dabney Harris.....	Birmingham .....	Ch. E.
George Morton Hawk.....	Nicholasville .....	C. E.
Ernest Lee Hendrix .....	Rue .....	C. E.
Millard Frank Jackson.....	Pine Apple .....	C. E.
Bart Harwick Jennings.....	Clayton .....	C. E.
William Edmund Predeaux		
Lakeman.....	Haleyville .....	C. E.
Perry Reed McCormack.....	Birmingham .....	E. M.
Lynne McHugh .....	Birmingham .....	E. E.

<i>Name</i>	<i>Residence</i>	<i>Course</i>
William Burgess Mahan.....	Russellville .....	E. M.
William Hayes Mason.....	Woodstock .....	E. M.
Lowndes Davis Morton.....	Birmingham .....	E. M.
James Algernon Nelson.....	Birmingham .....	E. M.
Bertram Ozment .....	Tuscaloosa .....	C. E.
Edwin Theodore Parker .....	Mobile .....	E. E.
Newton Kennedy Plunket .....	Birmingham .....	E. M.
William Fuller Prince.....	Tuscaloosa .....	E. E.
Harvey Sewell .....	Wetumpka .....	C. E.
Dean L. Smith.....	Madison .....	Ch. E.
Martin Luther Swafford.....	Ragland .....	M. E.
Fort Hamilton Terry.....	Plantersville .....	E. E.
John Ray Ulmer .....	Butler .....	E. M.

## STUDENTS IN ARTS AND SCIENCES AND ENGINEERING

<i>Name</i>	<i>Residence</i>
Evangeline Ashbaugh .....	Tuscaloosa
James Edgar Bowron .....	Birmingham
Everett Albert Harris .....	New Decatur
Felix Hale McCann .....	Tuscaloosa
William Henry McGowen .....	Cuba
Robert Newton Pitts, Jr.....	Pittsview
Paul Leon Williams .....	Gadsden

## SPECIAL STUDENTS

Henry Farrington Greet .....	Gadsden
Arthur Louis Hinckley.....	University
Howard Criner Jones .....	Huntsville
Oskar Kafka .....	Tuscaloosa
Gerardo Fernandez Vina y Mendez.....	Colon, Cuba

## SCHOOL OF LAW

## SENIORS

<i>Name</i>	<i>Residence</i>
Cecil Elmo Alexander (A. P. I.).....	Prattville
Robert Lee Almon .....	Moulton
Augustus Holmes Alston, Jr. (A. B., U. of A.)....	Clayton
Cecil F. Bates (U.of A.).....	Mobile

<i>Name</i>	<i>Residence</i>
James LeRoy Boyd (A. B., Davidson College).....	Hartford
John M. Bradley (A. B., U. of A.).....	Birmingham
Leon Crumpton Bradley (A. B., Howard College)	
.....	Tuscaloosa
George Allen Brewer ( B. S., A. P. I.).....	Dadeville
Walter Reese Browder (Washington and Lee Uni-	
versity) .....	Montgomery
George Wilbur Joseph Chamblin.....	Mobile
Curtis Pickens Cornwell (B. S., The Citadel) .....	Tuscaloosa
Alpheus Leland Crumpton.....	Heflin
Ben Walker Curry (Univ. of Colorado).....	Mobile
Freeman Bozeman Daniel (A. M., Vanderbilt	
Univ.).....	Birmingham
Nimrod Davis Denson, Jr. (B. S., A. P. I.).....	Lafayette
Willia Creagh Dozier ( A. B., U. of A.).....	Thomasville
Moritz E. Frohlich .....	Selma
Joseph Arthur Gaboury, Jr. (U. of A.).....	Jacksonville
George Arrington Glenn (Vanderbilt Univ.).....	Roanoke
Edwin Lee Goodhue (A. B., U. of A.).....	Gadsden
Nathan David Gordon .....	Birmingham
Orlando Callier Grimes (U. of A.).....	Tuscaloosa
Benjamin Samuel Gross (Tulane Univ.).....	Birmingham
William Edgar Harper .....	Herbert
Walter Herndon Inge (U. of A.).....	Mobile
William Harold Joiner (A. P. I.).....	Pittsview
Burnie Edward Jones (B. S., U. of A.).....	Jones Mills
Luther Brooks Liles (A. B., Yale Univ.).....	Anniston
Joseph Andrew McConnell, Jr. (A. B., U. of A.)....	York
Archie McKay McDowell .....	Eufaula
Edward McGregor .....	Jasper
Charles Watson McKay .....	Hollins
Hannibal Hamilcar McNeill, Jr. (Southern Univ.) .....	Mobile
Farley William Moody (A. B., U. of A.).....	Tuscaloosa
Henry Derrell Mooror .....	Evergreen
Clarence Haddon Mullins .....	Marbury
Robert Lindsay Nathan (U. of A.).....	Sheffield
James Levi Orman (LL. B., Cumberland Univ.)	
.....	Russellville

<i>Name</i>	<i>Residence</i>
Columbus Walter Peters (Univ. of Chicago)	Hurtsboro
Dover Phillips (B. S., U. of A.)	Jasper
Melford William Pratt	Centerville
Donald Eugene Ross	Mobile
Loran Frederick Sanford (Boston Univ.)	Tuscaloosa
Patrick Kyle Shirley (U. of A.)	Wetumpka
Claude Bernard Sims	Renfroe
Eugene Lawson Smith	Sylacauga
Sidney Preston Smith (U. of A.)	Birmingham
Mike Sollie, Jr. (B. S., U. of A.)	Ozark
Olin Wilson Storey (U. of A.)	Stafford
J. Fletcher Sturdivant, Jr. (A. B., Birmingham College)	Bessemer
James Jordon Tyson	Montgomery
Adrian Van Vinceler VandeGraaff (A. B., U. of A.)	Tuscaloosa
Grover Cleveland Walker (B. S., A. P. I.)	Goodwater
Charles Edwin Wilder	Montgomery
James Lamar Wiley (Grad. Troy Normal Sch.)	Troy
William Everett Wilkinson (B. S., U. of A.)	Prattville
Alexander David Wood	Columbia

## JUNIORS

Lamar Aldridge (A. B., U. of A.)	Catherine
John Alfred Altman (Howard College)	York
George Lewis Bailes (A. B., Wake Forest)	Charlotte, N. C.
Augustus Barnes (A. P. I.)	Opelika
Emile Majerski Baumhauer	Mobile
Edmund Ruffin Beckwith (A. B., Univ. of the South)	Montgomery
William Craig Beebe (U. of A.)	Livingston
Francis Morrow Brown (U. of A.)	Birmingham
Thomas Riddle Brown (Grad. Florence Normal School)	Birmingham
William Latimer Brown (U. of A.)	Birmingham
Winston Edward Brown (A. B., Southern Univ.)	Newberne



<i>Name</i>	<i>Residence</i>
Clyde Wilson Bynum .....	Coffee Springs
*Reuben Chapman Chapman (Va. Mil. Inst.) .....	Huntsville
Michael Cody, Jr. (A. B., U. of A.) .....	Montgomery
John Shields Coleman (U. of A.) .....	Jasper
Samuel William Compton (U. of A.) .....	University
Joseph Robert Cook, Jr. (U. of A.) .....	Birmingham
McPherson Aduston Cook (U. of A.) .....	Eutaw
Robert Park Davison (B. S., U. of A.) .....	Montgomery
John Louis Dean (A. B., U. of A.) .....	Camp Hill
Benjamin James Dryer .....	Huntsville
Adolphus Cook Evans, Jr. (Southern Univ.) .....	Greensboro
Theodore Jackson Godwin .....	Odenville
Howell Hunter Golson .....	Wetumpka
Malvern Ulysses Griffin (Vanderbilt Univ.) .....	University
Gabriel Marcus Gup (A. P. I.) .....	Mobile
Arthur Lee Hardegree (Grad. Jacksonville Normal School) .....	Goodwater
William Le Sueur Harsh (U. of A.) .....	Birmingham
Julius Washington Hicks (A. B., U. of A.) .....	Ozark
John Downing Hill (Vanderbilt Univ.) .....	University
William Lavender Hogue (Washington & Lee Univ.) .....	Marion
James Bradley Holman (B. S., A. P. I.) .....	Camden
Holland Huntington .....	University
James Juitte Jackson (La. State Univ.) .....	Birmingham
Maurice Burnside Johnston (Ill. Wesleyan Univ.) .....	Carlyle, Ill.
DeVane King Jones (A. B., U. of A.) .....	Tuscaloosa
Roger Alston Jones (Peddie Institute) .....	Montgomery
Richard Bussey Kelly, Jr. (A. B., Howard College) .....	Birmingham
John Milton Ladd (U. of A.) .....	Mobile
Julian Elliott Latham (U. of A.) .....	Clanton
Oscar Emory Littleton (B. S., A. P. I.) .....	Montgomery
Judson Cleveland Locke (Marion Inst.) .....	Centerville
Hilliary Duke Logan (Birmingham Coll.) .....	Birmingham
Wallace Crook McAdory (U. of A.) .....	Birmingham

\* Irregular

<i>Name</i>	<i>Residence</i>
Charles Huggins McCann (Southern Univ.)	Tuscaloosa
William Hugh McCary (B. S., Howard Coll.)	Birmingham
John Howard McEniry (M. S., A. P. I.)	Bessemer
Robert Lee Marshall (U. of A.)	Mobile
Daniel Emmat Massey (Washington and Lee Univ.)	Tuscaloosa
James Wesley Mercer	Eufaula
William Howell Morrow (U. of Miss.)	Lanett
George Douglass Motley (Howard College)	Gadsden
James Cochrane Phelps (M. S., A. P. I.)	Salem
William Greene Rains	University
Fred Ross	Bessemer
William Morgan Russell (Grad. Marion Inst.)	Tuskegee
Henry Grady Sanders (Grad. Florence Normal School)	Warrior
Karl John Schuster	Birmingham
Morgan Foshee Simmons	Andalusia
*Alan M. Smith (Va. Mil. Inst.)	Birmingham
Neal McCalla Speake	Decatur
Charles Oscar Stokes (A. B., U. of A.)	Ozark
Charles Williamson Stringer, Jr.	Talladega
Charles Floyd Tillery (A. B., U. of A.)	Opelika
James Monroe Ward (Southern Univ.)	Tuscaloosa
Marion Edward Ward (A. B., Southern Univ.)	Bevill

## STUDENTS IN ARTS AND SCIENCES AND LAW

William Craig Beebe (U. of A.)	Livingston
Marcus J. Fletcher (U. of A.)	Andalusia
James Booth Gibbons (U. of A.)	Montgomery
Joseph Lister Hill (U. of A.)	Montgomery
Frontis Hall Moore (U. of A.)	Akron
Calvin Poole (U. of A.)	Greenville
Ernest Kimbrough Staggers (U. of A.)	Benton
Charles Spencer Warren (U. of A.)	Montgomery

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\*Irregular.

## SPECIAL STUDENTS

<i>Name</i>	<i>Residence</i>
John Peyton Bailey .....	Floral
Harry Anderson Burns .....	Birmingham
William Norville Johnston .....	Mobile
Ernest Joseph Miller .....	Montgomery
Spencer Jack Pearson .....	Tuscaloosa
Howard Roper .....	Maplesville
Joseph L. Teaver .....	Caldwell
Herbert Jackson Ward .....	Tuscaloosa
Luther Harvey Welch .....	Equality
Michael Lee Yagle .....	Pickensville

## SCHOOL OF MEDICINE

## SENIORS

William Arthur Clark .....	New Decatur
James Horace Dodson (B. S., U. of A.) .....	Covin
Maurice Miller Duncan .....	Montgomery
Necy Lewis Gachet .....	James
Claude George Godard .....	Mobile
Samuel Terrell Hardin .....	Northport
Wilbur Little Heard (B. S., U. of A.) .....	Camp Hill
Lemuel Jefferson Johns .....	Edwardsville
Charles LeBaron, Jr. ....	Gulfport, Miss.
Charles David Mason .....	Henogan
George Guy Oswalt (A. B., U. of A.) .....	Tuskegee
William McGehee Owsley .....	Wetumpka
Winston Carl Pool (B. S., U. of Miss.) .....	Leakesville, Miss.
Jesse McCampbell Reed .....	Bay Minette
Wyatt Sanford Roberts .....	Lafayette

## JUNIORS

John M. Bell .....	Barbour County
Robert Harold Coker .....	Brewton
Wilson Thomas Deaver .....	Blountsville
Benjamin Franklin Fridge, Jr. ....	Ellisville, Miss.
Rayford Hodges .....	Woodville
William Edward Kimbrough, Jr. ....	St. Stephens
Samuel Currie Matthews .....	Clanton
Clifford V. Mayhall .....	Haleyville

<i>Name</i>	<i>Residence</i>
Leon V. McKay .....	Salitpa
Richard Cox Rush (A. B., Southern Univ.) .....	Mobile
Harry Altamont Moody Simpson (A. B., U. of A.) .....	Florence
James Alexander Ussery .....	Roanoke
Vernon E. Whitehead .....	Abbeville

## SOPHOMORES

Floyd Lamar Abernathy .....	Flomaton
Warren Edward Anderson .....	Pensacola
Hiram Onias Barker .....	Bell Mills
Arthur McCluney Cowden .....	Oneonta
Lawrence Bryant Farrior .....	Clayton
Newton Tazzie Fuller .....	Perryville
Henry Wiley Grady (B. S., A. P. I.) .....	Stroud
Alex. W. Graves .....	Talladega
Frank Leroy Haley (M. S., Univ. of Mich) .....	Mobile
James Young Hamil .....	Troy
Grover Cleveland Hamilton .....	Coal City
William Campbell Hannon .....	Montgomery
Riley Monroe Hayes .....	Chilton County
Albert Charles Jackson .....	Notasulga
Ralph Moseley Kimbrough .....	Thomasville
Robert H. Lister .....	Gadsden
Daniel James Long, Jr. ....	Chatom
George Clark Marlette (B. S., U. of A.) .....	Hayneville
James Melton Moss .....	Columbus, Miss.
Urton Munn .....	Atmore
Brack Coleman Payne .....	Birmingham
Emmett Eugene Pollard .....	Luverne
Ralph Emmett Porter .....	Scottsboro
Earl Sanders Price .....	May
William Llewellyn Staggers (A. B., Univ. of the South) .....	Benton
Jesse James Walls .....	Ashland
Jerre Watson .....	Montgomery
Paul Tidence Young .....	Vernon



## FRESHMEN

<i>Name</i>	<i>Residence</i>
John Clausel Adams .....	Mobile
Burton Forsyth Austin .....	Chancellor
John Coleman Bragg .....	Moulton
Frank H. Clements .....	Athens
Fred Crenshaw .....	Montgomery
Robert Emmet Dixon (B. S., A. P. I.) .....	Sumterville
Ernest Matkin Dunn .....	Linden
John Decatur Durden .....	Montgomery
Hillie Robert Dykes .....	Clio
Jay Pullen Gains .....	Summerville, Ga.
William Matthew Garrett .....	Hayneville
Harry Lee Jackson (Ph. G., A. P. I.) .....	Rembert
Carl Thomas Jones .....	Newville
John Howard Kellis .....	Shuqualak, Miss.
Alto Leon Kelly .....	Taylor
Homer Leon Kinsaul .....	Hartford
Claud Owen Lawrence .....	Havana
Monte Leroy Moorer .....	Farmersville
Travis Stansell Moring .....	Abbeville
Christopher C. McClure .....	Mobile
William Newbury McClurkin .....	Caledonia
Lawrence Lyle McLendon .....	Opelika
Calvin Nettles Newell .....	Camden
Emit Colquett Ray .....	Andalusia
Thomas Roscoe Roberts .....	Pine Apple
William Richard Rousseau .....	Huntsville
Joe Flournoy Rowe .....	Elba
Mercer Rowe .....	Elba
Curtis E. Snead, Jr. ....	Boaz
Lewis Edmond Sorrell .....	Jemison
Jacob Daniel Spigener, Jr. ....	Newberne
Sidney Ernest Stone .....	Selma
James Ernest Strange .....	Russellville
Benjamin Franklin Thomas .....	Salem
Robert Alexander Toland .....	Oxford
Laban Benjamin Underwood .....	LeGrand
James Clyde Walker .....	Alexander City
Nelson Emmett Ware .....	Trussville

## DEPARTMENT OF PHARMACY

## CLASS OF 1914

<i>Name</i>	<i>Residence</i>
Bryant M. Dedwylder.....	DeSoto, Miss
Charles F. Grove .....	Mobile
Robert Carl Hill .....	York

## CLASS OF 1915

William Adams .....	Mobile
Rusian B. Bailey .....	Roy
W. Dabney Berry .....	Mobile
John C. McDavid .....	Bay Minette
Hans H. Van Aller.....	Mobile

## SPECIAL STUDENTS

Charles L. Krebs, Jr.....	Mobile
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## SUMMER SCHOOL

## SESSION OF 1913

<i>Name</i>	<i>Town</i>	<i>County</i>
Lamar Aldridge .....	Catherine .....	Wilcox
Ada M. Alter .....	University .....	Tuscaloosa
Leon Manford Anderson.....	Sellers .....	Crenshaw
Dora Argo .....	Jasper .....	Walker
Leonora Armstrong .....	Demopolis .....	Marengo
Jacob LeRoy Arnold .....	Florence .....	Lauderdale
Pauline Arnold .....	Walnut Grove .....	Etowah
Frank M. Atkins.....	Heflin .....	Cleburne
Clara Atkinson .....	Talladega .....	Talladega
May Grady Atkinson.....	Centerville .....	Bibb
Belle Austin .....	Rising Fawn .....	Dade, Ga.
Bertha Austin .....	Rising Fawn .....	Dade, Ga.
George Lewis Bailes.....	Florence .....	Lauderdale
Ellen Bailey .....	Oxford .....	Calhoun
Clemmie Baird .....	Guin .....	Marion
Charles Baker .....	Clopton .....	Dale
Lawrence Baker .....	Elkmont .....	Limestone

<i>Name</i>	<i>Town</i>	<i>County</i>
Bertha Leon Balch .....	Notasulga .....	Macon
Lillian Barksdale .....	Athens .....	Limestone
Beuna Esther Barnard.....	Leeds .....	Jefferson
Lillie Belle Barnes.....	Opelika .....	Lee
Walter A. Barnes.....	Dothan .....	Houston
George Elbert Barnett.....	Rogersville .....	Lauderdale
William Gleason Bean.....	Heflin .....	Cleburne
Daisy Beeson.....	Wauchula .....	DeSoto, Fla.
Eleanor Beeson .....	Wauchula .....	DeSoto, Fla.
Sarah Christine Bell.....	Birmingham .....	Jefferson
Virginne Best .....	Talladega .....	Talladega
Ollie Bettis Beverly .....	Sweet Water .....	Marengo
Wyatt Childs Blasingame.....	Thomaston .....	Marengo
Edgar T. Bolding.....	Russellville .....	Franklin
Thomas David Bowman .....	Heflin .....	Cleburne
Georgia Booker .....	Local .....	Monroe
Alfred Morgan Boone.....	Berry .....	Fayette
Mary Louise Boswell.....	Elmore .....	Elmore
Harold Alfred Bowron.....	Birmingham .....	Jefferson
James Edgar Bowron.....	Birmingham .....	Jefferson
Charles Dozier Boyles.....	Centerville .....	Bibb
Lester Boyles.....	Thomasville .....	Clarke
Jay D. Bradley.....	Alabama City .....	Etowah
Eva Prather Brannon.....	Seale .....	Russell
M. Aline Bright.....	Mobile .....	Mobile
Theodora Brinson .....	Seale .....	Russell
Francis Morrow Brown.....	Birmingham .....	Jefferson
John W. Brown, Jr.....	Sylacauga .....	Talladega
Maud Brown .....	Bridgeport .....	Jackson
Mildred Brown .....	Troy .....	Pike
Miriam Brewer Brown .....	Montgomery .....	Montgomery
Lula Hobbs Browne.....	Tuscaloosa .....	Tuscaloosa
Rollin Browne .....	Talladega .....	Talladega
Stella Searcy Browne.....	Tuscaloosa .....	Tuscaloosa
Eva Bruce .....	West Point .....	Ga.
Anna McCully Buchanan.....	Riverton .....	Colbert
Mabel Marguerite Burgess.....	Birmingham .....	Jefferson
Basil M. Burks.....	Tuscaloosa .....	Tuscaloosa

<i>Name</i>	<i>Town</i>	<i>County</i>
Robert Lawson Burkes.....	Wedowee .....	Randolph
Henry Walter Burnett.....	Scottsboro .....	Jackson
Hunter T. Burnett.....	Tuscaloosa .....	Tuscaloosa
Robert Buell Buzbee.....	Jasper .....	Walker
Mattie Rebecca Byrd.....	Ozark .....	Dale
Pauline Byrd .....	Enterprise .....	Coffee
Clara Belle Calhoun.....	Cotton Wood .....	Houston
Sarah Pickens Calhoun.....	Selma .....	Dallas
Nathan Jerome Callan.....	Fort Payne .....	DeKalb
Florence Corinne Calley.....	Aliceville .....	Pickens
Annie Dell Cameron.....	Romulus .....	Tuscaloosa
Elizabeth Mayes Cameron.....	Mt. Hebron .....	Green
Thomas Alexander Capps.....	Luverne .....	Cranshaw
Anna Jane Card.....	Tuscaloosa .....	Tuscaloosa
Leila Cardwell .....	Bessemer .....	Jefferson
Annie Swift Carmichael.....	Goodwater .....	Clay
Oliver Cromwell Carmichael.....	Goodwater .....	Clay
Willie Carmichael .....	Enterprise .....	Coffee
Nella Reed Carroll.....	Perote .....	Bullock
John Thomas Carter.....	Goshen .....	Pike
Mary Clare Carter .....	New Decatur .....	Morgan
Saidee Cary .....	Lawley .....	Bibb
Clarence Elmore Cason.....	Talladega .....	Talladega
Hugh Albert Cassady.....	Fort Deposit .....	Lowndes
Louise Cato .....	Pittsview .....	Russell
Lilla Chandler .....	Hurtsboro .....	Russell
Mayme Anne Chiles .....	Epes .....	Sumter
Collie Clark .....	Troy .....	Pike
Basil Clarke .....	Birmingham .....	Jefferson
Johnnie Rufus Clements.....	New Lexington.....	Tuscaloosa
Nell Cleveland .....	Centerville .....	Bibb
Sallie Thomas Coats.....	Consul .....	Marengo
Mattie Cockrell .....	Livingston .....	Sumter
Mrs. Fannie Collier.....	Decatur .....	Morgan
Gertrude Grey Collins.....	Scottsboro .....	Jackson
Leone Compton .....	Pine Apple .....	Wilcox
Samuel W. Compton.....	Gordo .....	Pickens
Elma Conard .....	Demopolis .....	Marengo



<i>Name</i>	<i>Town</i>	<i>County</i>
Eldora Cook .....	Cottonwood .....	Houston
Festes Malachi Cook .....	Pratt City .....	Jefferson
McPherson Aduston Cook.....	Eutaw .....	Greene
Cora Cooper .....	Attailla .....	Etowah
Freda Cooper .....	Echola .....	Tuscaloosa
Mary Lizzie Cooper.....	Brantley .....	Crenshaw
Elizabeth Copeland .....	Berry .....	Fayette
Lulleah Copeland .....	Andalusia .....	Covington
Emery Wiley Corley.....	Rockford .....	Coosa
Mariglen Cornelius .....	Gadsden .....	Etowah
Chappell Cory, Jr. ....	East Lake .....	Jefferson
Julia Barnett Cowan.....	Opelika .....	Lee
Nellie Belle Cowart.....	Nauvoo .....	Walker
Ralph Waldo Cowart.....	Troy .....	Pike
Gabrella Cox.....	Coffeetown .....	Clarke
Lois Crawford .....	Somerville .....	Morgan
Ola Crawford .....	Selma .....	Dallas
Ruby Crawford .....	Nixburg .....	Coosa
Mary Crayton .....	Opelika .....	Lee
Mrs. Lessitter Ashley Culver.....	Brantley .....	Crenshaw
Bertha Cunningham .....	Scottsboro .....	Jackson
Mary Aine Currie.....	Sawyer'sville .....	Hale
Dora Esther Dahlberg.....	Suggsville .....	Clarke
Hattie Belle Dale.....	Caledonia .....	Wilcox
John Alexander Darby, Jr.....	Florence .....	Lauderdale
Ruby Darby .....	Florence .....	Lauderdale
Winefred Elizabeth Daugh-		
drill .....	Tuscaloosa .....	Tuscaloosa
John Jefferson Davenport.....	Tuscaloosa .....	Tuscaloosa
Maud Lenore Davidson.....	New Decatur .....	Morgan
Ervie Ella Davis.....	Atmore .....	Escambia
Frances Watkins Davis.....	Tuscaloosa .....	Tuscaloosa
Mary Eleanor Dean.....	Hope Hull .....	Lowndes
Nana Dent .....	Eufaula .....	Barbour
Homer C. Denton.....	Dawson .....	DeKalb
William Jackson DeVere.....	Tuscaloosa .....	Tuscaloosa
James Orman Dickinson.....	Billingsley .....	Chilton
Robert Houston Dickinson.....	Billingsley .....	Chilton

<i>Name</i>	<i>Town</i>	<i>County</i>
Florine Douglass .....	Anniston .....	Calhoun
James Mason Douglass .....	Russellville .....	Franklin
John William Dowdle .....	Carrollton .....	Pickens
Katie Florence Dowling .....	Ozark .....	Dale
Nannie Downey .....	Blossburg .....	Jefferson
Ruby Vaughn Downs .....	Clanton .....	Chilton
Louise Driesbach .....	Birmingham .....	Jefferson
Alice Vivian DuBose .....	Birmingham .....	Jefferson
Florence Rosa DuBose .....	Birmingham .....	Jefferson
Martha Mortimore DuBose .....	Birmingham .....	Jefferson
Annie Dunn .....	Prattville .....	Autauga
Maude Dunn .....	Birmingham .....	Jefferson
Findley Durrett .....	Northport .....	Tuscaloosa
Lucy Durrett .....	Gordo .....	Pickens
Willie McMahon Eanes .....	Selma .....	Dallas
Lilla Elizabeth Echols .....	Americus .....	Ga.
William Graham Echols .....	Gadsden .....	Etowah
Leila Frances Edwards .....	Enterprise .....	Coffee
Philip Edwards .....	Birmingham .....	Jefferson
Rena Lee Edwards .....	Enterprise .....	Coffee
Lucile Ellenburg .....	Montevallo .....	Shelby
Blair Elliot .....		
James Franklin Elliot .....	Birmingham .....	Jefferson
Cora Epperson .....	Comer .....	Barbour
Oma Lee Epperson .....	Ensley .....	Jefferson
Cora Lee Estes .....	Brighton .....	Jefferson
Eva Everitt .....	Langsdale .....	Clarke
William Parks Fanning .....	W. Huntsville .....	Madison
Leola Faulk .....	Dothan .....	Houston
William M. Faust, Jr. ....	Clio .....	Barbour
Alma Fenn .....	Clayton .....	Barbour
Julia Finnell .....	Tuscaloosa .....	Tuscaloosa
Lillian Finnell .....	Tuscaloosa .....	Tuscaloosa
Bonnie Beatrice Fleming .....	Randolph .....	Bibb
Maggie Fort .....	Tuscaloosa .....	Tuscaloosa
Ruby May Fort .....	Tuscaloosa .....	Tuscaloosa
Frances Foster .....	Northport .....	Tuscaloosa
Henry Bacon Foster, Jr. ....	Tuscaloosa .....	Tuscaloosa

<i>Name</i>	<i>Town</i>	<i>County</i>
Margaret Foster .....	Rock Castle .....	Tuscaloosa
Richard Clarke Foster .....	Montgomery .....	Montgomery
Albert Edgar Franke .....	Birmingham .....	Jefferson
David Solomon Franklin .....	Yolande .....	Tuscaloosa
Necie Bettie Franklin .....	Yolande .....	Tuscaloosa
Robert Gracie Franklin .....	Yolande .....	Tuscaloosa
Annie Laurie Freeman .....	Crossville .....	DeKalb
Lucy Fulford .....	Georgiana .....	Butler
Elizabeth Fuqua .....	Florence .....	Lauderdale
Mrs. Nellie W. Fuqua .....	Florence .....	Lauderdale
Thomas Owen Gamble .....	Jasper .....	Walker
Mrs. J. S. Ganey .....	Sylacauga .....	Talladega
Johnnie Mae Garner .....	Bessemer .....	Jefferson
Nannie Garner .....	Bessemer .....	Jefferson
Burnice Garrett .....	Madison .....	Madison
Fannie M. Garrett .....	Madison .....	Madison
Grace Gay .....	Wadley .....	Randolph
Mrs. Maggie Genery .....	Johns .....	Jefferson
James Booth Gibbons .....	Montgomery .....	Montgomery
Brooxie Gibson .....	Decatur .....	Morgan
J. H. Gilbert .....	East Lake .....	Jefferson
Campbell Houston Gillespie .....	Holt .....	Tuscaloosa
Guy Gilliland .....	University .....	Tuscaloosa
Susie Gardner Ginnavan .....	Montgomery .....	Montgomery
Wynona Gissendanner .....	Pinckard .....	Dale
Nina Gluckstein .....	Mobile .....	Mobile
Robert Montgomery Goodall, Jr. ....	Birmingham .....	Jefferson
Minnie Gorrie .....	Montgomery .....	Montgomery
Emily Graham .....	Shubuta .....	Clarke, Miss.
Mary Ben Gray .....	Athens .....	Limestone
Lucy Green .....	Mobile .....	Mobile
Maud Green .....	Troy .....	Pike
Nora Green .....	Dadeville .....	Talapoosa
Ila Dean Griffin .....	Jasper .....	Walker
Ola Griffin .....	Tuscaloosa .....	Tuscaloosa
Margaret Griffith .....	Hokes Bluff .....	Etowah
Fannie Grimes .....	Elba .....	Coffee

<i>Name</i>	<i>Town</i>	<i>County</i>
Mattie Edd Grimes .....	Sheffield .....	Colbert
Minie Guerry .....	Evergreen .....	Conecuh
Lexie Gladys Guy .....	Eden .....	St. Clair
Lillie J. Guy .....	Eden .....	St. Clair
Anna Virginia Hale .....	Tuscaloosa .....	Tuscaloosa
Alma Cole Hall .....	Midway .....	Bullock
Mary Russell Hamer .....	Hurtsboro .....	Russell
Charles Marshall Hamilton .....	Russellville .....	Franklin
Lily Hamilton .....	Union .....	Green
Jennie Hanson .....	Tuscaloosa .....	Tuscaloosa
John G. Hargrove .....	Wilsonville .....	Shelby
Ada Ardell Harold .....	Dewdrop .....	Tuscaloosa
Bertie Harold .....	Dewdrop .....	Tuscaloosa
John Lee Harper .....	Reform .....	Pickens
Effie Harris .....	Cuba .....	Sumter
Ida Harris .....	Akron .....	Hale
Trion Wheeler Harris .....	Pell City .....	St. Clair
Ida Harold .....	Dewdrop .....	Tuscaloosa
Griffith Rutherford Harsh, Jr. ....	Birmingham .....	Jefferson
Jessie Maysel Hawkins .....	Alachua .....	Alachua, Fla.
James Murray Hayse .....	Columbia .....	Maury, Tenn.
Nannie May Heacock .....	Talladega .....	Talladega
Middleton Edward Head .....	Roanoke .....	Randolph
Bertha Liddle Heath .....	Demopolis .....	Marengo
Leta Heaton .....	Birmingham .....	Jefferson
Ruby Heaton .....	Birmingham .....	Jefferson
Carrie Lee Heflin .....	Wedowee .....	Randolph
Julia Hicks .....	Tuscaloosa .....	Tuscaloosa
Abbie Hinckley .....	University .....	Tuscaloosa
Alice Hinckley .....	University .....	Tuscaloosa
Arthur Louis Hinckley .....	University .....	Tuscaloosa
Dempsey Wyatt Hodges .....	Headland .....	Henry
Katherine Hodges .....	Ashville .....	St. Clair
Robert Edward Hodnette .....	Ft. Deposit .....	Lowndes
Earl Moses Hodson .....	Athens .....	Limestone
Gladys Holzman .....	Selma .....	Dallas
Roy Keith Hood .....	Roanoke .....	Randolph
Annie Powe Hooper .....	Quitman .....	Clarke, Miss.



<i>Name</i>	<i>Town</i>	<i>County</i>
White Hornsby .....	Roanoke .....	Randolph
Gabrielle Augusta Howard....	Selma .....	Dallas
Nettie Howard .....	Albertville .....	Marshall
Leroy Horice Hudson .....	Goshen .....	Pike
Mrs. L. H. Hudson.....	Goshen .....	Pike
Kathleen Humphrey .....	Madison .....	Madison
John Andrew Hunter.....	Thornsby .....	Chilton
Holland Huntington .....	University .....	Tuscaloosa
Margaret Ingrem .....	Moundville .....	Hale
Elizabeth Jackson .....	West Blocton .....	Bibb
Thomas Lee Jackson.....	Phil Campbell .....	Franklin
Hortense Jacobson .....	Montgomery .....	Montgomery
Luther Longo James.....	Russellville .....	Franklin
Maud James .....	Langdale .....	Chambers
Irene Jeffers .....	Roanoke .....	Randolph
Janetta J. Jeffrey.....	Tuscaloosa .....	Tuscaloosa
Mrs. Wm. B. Jeffries.....	Newville .....	Henry
Mims Torrey Jemison.....	Tuscaloosa .....	Tuscaloosa
Lessie Jenkins .....	Clayton .....	Barbour
Lilie Dale Jennings.....	Carrolton .....	Pickens
Bessie Will Johnson.....	Tuscaloosa .....	Tuscaloosa
Elgin Johnson .....	Tuscaloosa .....	Tuscaloosa
Ola Estelle Johnson.....	Samson .....	Geneva
Mae Johnston .....	Selma .....	Dallas
Ada Jones .....	Jackson .....	Madison, Tenn.
Asbury Coke Jones.....	Heflin .....	Cleburn
Darian Annisley Jones.....	Montgomery .....	Montgomery
Elizabeth Perry Jones.....	Tuscumbia .....	Colbert
Henry Robert Jones.....	Sweet Water .....	Marengo
Minerva Jones .....	Bay Minette .....	Baldwin
Raymond W. Jones.....	Huntsville .....	Madison
Thomas Kent Jones .....	Dadeville .....	Tallapoosa
Vera Jones .....	Fayette .....	Fayette
Woolsey Finnell Jones.....	Tuscaloosa .....	Tuscaloosa
George Henry Jordan.....	Cottonwood .....	Houston
Mary Elizabeth Justin.....	Tuscaloosa .....	Tuscaloosa
Mabel Kerridge .....	Thomasville .....	Clarke
Jno. Colber Key.....	St. Petersburg .....	Pinellas, Fla.

<i>Name</i>	<i>Town</i>	<i>County</i>
Louise DeLony King.....	Leighton .....	Colbert
Mary Lucile King.....	Leighton .....	Colbert
Sarah Elizabeth King.....	Lower Peach Tree....	Wilcox
Viola King .....	Luverne .....	Crenshaw
Marie Kinsaul .....	Enterprise .....	Coffee
John Alexander Kirkpatrick, Jr. ....	Montgomery .....	Montgomery
Eli Frank Landers.....	Newell .....	Randolph
Eli Jefferson Landers.....	Newell .....	Randolph
Henry Landers .....	Lamar .....	Randolph
Pate VanBuren Landers.....	Newell .....	Randolph
Daisy Lauderdale .....	Deatsville .....	Elmore
Thera Lawrence .....	Havana .....	Hale
Rena Lea .....	Orrville .....	Dallas
Willie Mae Leatherwood.....	Florence .....	Lauderdale
Charles Arthur Lewis.....	Eutaw .....	Greene
Fred Albert Lewis.....	Talladega .....	Talladega
Marion Lewis .....	Blocton .....	Bibb
Ruby Rebecca Lewis.....	Wayne .....	Marengo
Margaret Ligon .....	Birmingham .....	Jefferson
Amber Liles .....	Wadley .....	Randolph
Annie Liles .....	Roanoke .....	Randolph
Ethel Mae Liles.....	Brewton .....	Escambia
Jennings Liles .....	Brewton .....	Escambia
Mamie Liles .....	Roanoke .....	Randolph
Minnie Lee Liles.....	Brewton .....	Escambia
Dora Little .....	Smithville Itawamba, Miss.	
Gertrude Little .....	Birmingham .....	Jefferson
Emma Long .....	Bladon Springs.....	Choctaw
Ruth Lee Long .....	Bladon Springs.....	Choctaw
Alice Virginia Longshore.....	Columbiana .....	Shelby
Jesse O. Looney.....	Athens .....	Limestone
William Vernon Luckie.....	Macedonia .....	Lowndes
Fred Augustus Luqueer.....	Olathe .....	Colo.
Wallace C. McAdory.....	Birmingham .....	Jefferson
Susie McAnear .....	Falkville .....	Morgan
Mary McClelen .....	Piedmont .....	Calhoun
Annie McCleskey .....	Winfred .....	Marion

<i>Name</i>	<i>Town</i>	<i>County</i>
Irving Earnest McCullough.....	Jacksonville	Calhoun
Lola Belle McCollough.....	Jacksonville	Calhoun
Inez Mae McCraw.....	Centerville	Bibb
Rebecca Ruth McCullough.....	Selma	Dallas
Mabel McDaniel .....	Cuba	Sumter
Minnie McDaniel .....	Cuba	Sumter
Eunice McDonald .....	Woodstock	Bibb
Leroy McEntire .....	Decatur	Morgan
Lois Pearl McFadden .....	Ariton	Dale
Laura McGehee .....	Birmingham	Jefferson
Celia McGregor .....	Town Creek	Laurence
William Arthur McGuff.....	University	Tuscaloosa
Jesse Lett McKay.....	Sylacauga	Talladega
John W. McKenzie.....	Birmingham	Jefferson
Marilla McKenzie .....	Hamilton	Marion
Mrs. Norcie L. McKenzie.....	Birmingham	Jefferson
Olin Eli McKnight.....	Abanda	Chambers
Emma Grace McLean.....	Livingston	Sumter
Wilma McLendon .....	Brewton	Escanbia
Katherine McLeod .....	Troy	Pike
Octavia McNeill .....	Quitman	Clarke, Miss.
Mamie McRaney .....	Bogue Chitta	Lincoln, Miss.
Tet McRaney .....	Bogue Chitta	Lincoln, Miss.
Edith Alicia McWilliams.....	Ensley	Jefferson
Ethridge M. Manning.....	Talladega	Talladega
Justine Marques .....	Mobile	Mobile
Alma Martin .....	Cullman	Cullman
Elsie Martin .....	Birmingham	Jefferson
Griffin Deadrick Martin.....	Bessemer	Jefferson
Maud Martin .....	Equality	Coosa
Ruth Martin .....	Millville	Bay, Fla.
Stella Mason .....	Nadawah	Monroe
Wynton Mason .....	Brewton	Escanbia
Daniel Emmet Massey .....	Moundville	Hale
Ella Mae Massey .....	Village Springs	Jefferson
Bera May .....	Notasulga	Macon
Henry Willis May .....	Fayette	Fayette
Lucy Mayton .....	Thomasville	Clarke

<i>Name</i>	<i>Town</i>	<i>County</i>
Early Moses Meadows.....	Equality .....	Coosa
Thomas Burton Meadows.....	Cullman .....	Cullman
John Conley Merchant.....	Ashville .....	St. Clair
Julia Baxter Metcalf.....	Cottonwood .....	Houston
John Enoch Middlebrooks.....	Bell Mills .....	Cleburne
Mrs. J. E. Middlebrooks.....	Brandon .....	Cleburne
Myriam Bess Mills.....	Jones .....	Autauga
Terrell Mitchell .....	Tuscaloosa .....	Tuscaloosa
Ethel Montgomery .....	Warrior .....	Jefferson
Eddie Neil Mooneyghan.....	Clio .....	Barbour
Fay Moore .....	Shubuta .....	Clarke, Miss.
Leila Gertrude Moore .....	Montgomery .....	Montgomery
Mary Elizabeth Moore .....	Dora .....	Walker
Agnes Eleanor Morgan.....	Holt .....	Tuscaloosa
Annie Velma Morgan.....	Tuscaloosa .....	Tuscaloosa
Roberta Morgan .....	Heflin .....	Cleburne
Esther Myrl Moorell .....	Harpersville .....	Shelby
James Francis Morris.....	New Decatur .....	Morgan
James Kenneth Morris.....	Tuscaloosa .....	Tuscaloosa
Lucy Elizabeth Morton.....	Fyffe .....	DeKalb
William Webb Moseley.....	Faunsdale .....	Marengo
Clarence Hoddon Mullins.....	Mt. Creek .....	Chilton
Ruth Murphree .....	Gadsden .....	Etowah
Blanch Naugher .....	Northport .....	Tuscaloosa
Lois Naugher .....	Northport .....	Tuscaloosa
Trigg W. Naugher.....	Rue .....	Tuscaloosa
George Frederick Neilson.....	Tuscaloosa .....	Tuscaloosa
Soren Nelson, Jr.....	Bayou La Batre.....	Mobile
Bessie Newell .....	Camden .....	Wilcox
Annie Lizzie Newman.....	Buffalo .....	Chambers
Fay Staples Newman.....	Goodwater .....	Coosa
Jesse James Newman.....	Buffalo .....	Chambers
Mae Newman .....	Goodwater .....	Coosa
Elsie Nonnenmacher .....	Anniston .....	Calhoun
Rub Nonnenmacher .....	Anniston .....	Calhoun
Annie L. Northington.....	Prattville .....	Autauga
Pearl Norton .....	Louisville .....	Barbour
Victor Virgil Norton.....	Louisville .....	Barbour



<i>Name</i>	<i>Town</i>	<i>County</i>
Eugenia Ormond .....	Tuscaloosa .....	Tuscaloosa
Lila Overstreet .....	Greensboro .....	Hale
Eula E. Owen .....	Dolomite .....	Jefferson
Martha Warren Parham.....	Gainesville .....	Sumter
Walter Avery Parker.....	Cullman .....	Cullman
Lorena Parker .....	Notasulga .....	Macon
Lillie Belle Parkman .....	Dothan .....	Houston
Maggie Maud Parkman .....	Dadeville .....	Tallapoosa
James Edward Parks.....	New Hope .....	Madison
Bessie Parsons .....	Sylacauga .....	Talladega
Janie Partrich .....	Romulus .....	Tuscaloosa
Claude Pattillo .....	Montevallo .....	Shelby
Pearl Patton .....	Tuscaloosa .....	Tuscaloosa
Ruby Patton .....	Tuscaloosa .....	Tuscaloosa
Mrs. Albert Mathew Pearson.....	Fairfield .....	Jefferson
Julia Perdue .....	Letohatchie .....	Lowndes
Edgar Perry .....	Wedowee .....	Randolph
Birdie Pettey .....	New Decatur .....	Morgan
William Mitchell Pitts.....	Grady .....	Montgomery
Leola Porter .....	Plantersville .....	Dallas
Margaret Lee Porter.....	Crossville .....	DeKalb
Robert David Powell.....	River Falls .....	Covington
Brazzie Price .....	Tuscaloosa .....	Tuscaloosa
Alonzo Browne Prude.....	Tuscaloosa .....	Tuscaloosa
Mrs. George N. Quigley.....	Pike Road .....	Montgomery
Ola Ragland .....	Warrior .....	Jefferson
Cas Reagan .....	Delta .....	Clay
William Allen Reagan.....	University .....	Tuscaloosa
Carl Webster Reaves .....	Perote .....	Bullock
India Ruth Redus .....	New Decatur .....	Morgan
Augusta Cobb Redwood.....	Birmingham .....	Jefferson
Forney Reese .....	Village Springs .....	Blount
Viola Mae Reid .....	White Oak Sp'gs.....	Barbour
Louella Riley .....	West Blocton .....	Bibb
Arthur Riser .....	Milltown .....	Chambers
Genevieve Roberts .....	Sylacauga .....	Talladega
Jessie Mae Roberts .....	Athens .....	Limestone
Inez Grady Robertson.....	Chipley .....	Washington

<i>Name</i>	<i>Town</i>	<i>County</i>
Mrs. Archie R. Robinson.....	Birmingham .....	Jefferson
Howell P. Rogers.....	Forest Home.....	Butler
Zack Rogers .....	Butler .....	Choctaw
Mrs. Maryland B. Rolen.....	Tuscaloosa .....	Tuscaloosa
Charles Rufus Rowe.....	Warrior .....	Jefferson
Nannie Salmond .....	Aliceville .....	Pickens
Joseph William Samuels.....	Rockford .....	Coosa
John T. Sanders.....	Beatrice .....	Monroe
Lettie Sayer .....	Hopewell .....	Cleburne
Lyda Seibold .....	Guntersville .....	Marshall
Byron Webster Self.....	Lewisburg .....	Jefferson
Felix Sylvester Self.....	Pinson .....	Jefferson
Annie Laurie Sellers.....	Franklin .....	Monroe
Emma Shaw .....	Langsdale .....	Clarke
Mae Simmons .....	Owassa .....	Conecuh
Marguerite Simmons .....	Mobile .....	Mobile
Leslie Gray Simms .....	Eleanor .....	Dallas
Danie B. Simms.....	Opelika .....	Lee
Claude Bernard Simms.....	Renfroe .....	Talladega
Alexander E. Singleton.....	Union Springs .....	Bullock
Nellie Irene Skelton.....	Scottsboro .....	Jackson
Blanch Electa Smart.....	Five Points .....	Chambers
Audrey Lee Smith.....	Decatur .....	Morgan
Byrd Beth Smith.....	West Blocton .....	Bibb
Carrie Lee Smith.....	Gadsden .....	Etowah
Harry DeQuincey Smith.....	Tuscaloosa .....	Tuscaloosa
Thomas A. Snow.....	Palos .....	Jefferson
Zara Elizabeth Solomon.....	Montgomery .....	Montgomery
Hermione B. Somerville.....	Aliceville .....	Pickens
Oron P. South.....	Blountsville .....	Blount
Milton Morgan Spencer.....	Troy .....	Pike
Jacob Daniel Spigener.....	Newberne .....	Hale
Katie Ruth Spigener.....	Prattville .....	Autauga
Lillian Srygley .....	Bipley .....	Limestone
Maggie Mae Stallworth.....	Thomaston .....	Marengo
William Columbus Stapleton.....	Letohatchie .....	Lowndes
Stella Stone Steele.....	Selma .....	Dallas
May Stephens .....	Pleasant Hill .....	Dallas

<i>Name</i>	<i>Town</i>	<i>County</i>
Arzelia Stewart .....	Alexander City	Tallapoosa
Ava Stewart .....	Atmore .....	Escambia
Mary Agnes Stewart.....	Old Spring Hill	Marengo
Fletcher Stoddard .....	Bradleyton .....	Crenshaw
Otis Stone .....	Northport .....	Tuscaloosa
Ernest Lelah Stough.....	Georgiana .....	Butler
Sellers Stough .....	Georgiana .....	Butler
Ada Claire Street .....	Alexander City	Tallapoosa
J. O. Sturdivant.....	Odenville .....	St. Clair
Clara Estelle Sullivan.....	Grady .....	Montgomery
Mabel Tally .....	Stevenson .....	Jackson
Annie Myrtle Tatom.....	Opelika .....	Lee
Blanche Taylor .....	Pratt City .....	Jefferson
Condie William Taylor.....	Tuscaloosa .....	Tuscaloosa
Marian Taylor .....	Opelika .....	Lee
Morgan Daniel Taylor.....	Pine Hill .....	Wilcox
Roy Milner Thigpen.....	Birmingham .....	Jefferson
Bessie Thomas .....	Clanton .....	Chilton
Mary Thomas .....	Emmett .....	Sullivan, Tenn.
James Edward Thompson.....	Princeton .....	Jackson
Frances Thweatt .....	Talladega .....	Talladega
Tolbert L. Tillery.....	Watson .....	Jefferson
Florence Tilman .....	Decatur .....	Morgan
Vivian Tilman .....	Decatur .....	Morgan
James M. Timmerman.....	Montgomery .....	Montgomery
Verna Tinsley .....	Gadsden .....	Etowah
Berta Todd .....	Notasulga .....	Macon
Margaret Mildred Toland.....	Anniston .....	Calhoun
Maude E. Truitt.....	Mobile .....	Mobile
Margaret Erline Tubbs.....	Greensboro .....	Hale
Edna Tucker .....	Equality .....	Coosa
Thomas Ellis Tucker.....	Catherine .....	Wilcox
Inez Van Airdale.....	Fruitdale .....	Washington
Coleman Hargrove Vande- Graff .....	Tuscaloosa .....	Tuscaloosa
Charity Leonora Vaughn.....	Mobile .....	Mobile
Gertrude Venable .....	Louisville .....	Barbour
Gerardo Fernandez Vina.....	Colon .....	Cuba

<i>Name</i>	<i>Town</i>	<i>County</i>
Emmie Harvey Walding.....	Midland City .....	Dale
Jessie Mae Walding.....	Midland City .....	Dale
Cora Jane Waldrop.....	Bessemer .....	Jefferson
Robert Newton Waldrop.....	Bessemer .....	Jefferson
Horace T. Wallace.....	Prattville .....	Autauga
Mrs. H. T. Wallace.....	Prattville .....	Autauga
Elsie Waller.....	Notasulga .....	Macon
Annie Laurie Walker.....	Tuscaloosa .....	Tuscaloosa
Josie Annette Walker.....	Greensboro .....	Hale
Leslie A. Walker .....	Ensley .....	Jefferson
Ola Gertrude Walker.....	Birmingham .....	Jefferson
Washington Lafayette Walker.....	Deatsville .....	Elmore
Evelyn Norman Waller.....	Montgomery .....	Montgomery
Nan Genevieve Walshe.....	Birmingham .....	Jefferson
Forrest Shelley Ward.....	Troy .....	Pike
James Mayfield Ward.....	Centerville .....	Bibb
Mrs. Maud M. Ward.....	Tuscaloosa .....	Tuscaloosa
Emily Warley .....	Mobile .....	Mobile
Annie Lee Warren.....	Anniston .....	Calhoun
Clem Warren .....	Enterprise .....	Coffee
C. S. Warren.....	Montgomery .....	Montgomery
Alice Leigh Waters.....	Brundidge .....	Pike
Mattie L. Waters.....	Brundidge .....	Pike
Edwin C. Watkins.....	Birmingham .....	Jefferson
Florence Draper Watson.....	Burnsville .....	Dallas
Annie Corinne Weaver.....	Anniston .....	Calhoun
Lonetta Weaver .....	Anniston .....	Calhoun
May Wedgworth .....	Ft. Payne .....	DeKalb
Kemper Elizabeth Welch.....	Selma .....	Dallas
Charley Ross West.....	Moben .....	Jefferson
Mary Frances Whatley.....	Opelika .....	Lee
Bessie Kimbrough White.....	Jackson's Gap .....	Tallapoosa
Lucy Ellen White.....	Manson .....	Vance, N. C.
Maud Janet White.....	Cuba .....	Sumter
William Edward White.....	Vinegar Bend .....	Washington
Frances Wilburn .....	Laurel .....	Jones, Miss.
Lucile Wilcox .....	Gadsden .....	Etowah
Ruth Wilks .....	Andalusia .....	Covington



<i>Name</i>	<i>Town</i>	<i>County</i>
Annie Williams .....	Vincent .....	Shelby
Charley Weslie Williams.....	Waterloo .....	Lauderdale
Cora Williams .....	Cottondale .....	Tuscaloosa
Katylee Williams .....	Ft. Deposit .....	Lowndes
Minnie Lee Williams .....	Birmingham .....	Jefferson
P. W. Williams .....	Tuscaloosa .....	Tuscaloosa
Garland Willis Wilson.....	Tuscaloosa .....	Tuscaloosa
Mary Josephine Wilson.....	Anniston .....	Calhoun
Obie Claud Wilson.....	Coffee Springs .....	Geneva
Roberta Wilson .....	Trussville .....	Jefferson
Gordon Worley .....	Piedmont .....	Calhoun
Jessie Beatrice Worley.....	Piedmont .....	Calhoun
Kate Marie Worley.....	New Hope .....	Madison
Clara Mary Wright.....	Electric .....	Elmore
Effie J. Wyatt.....	Vincent .....	Shelby
Robert Yarbrough .....	Lamar .....	Randolph
Dolly Young .....	Greensboro .....	Hale

# Summary

## OFFICERS OF INSTRUCTION AND GOVERNMENT

Professors .....	51
Instructors and Assistants.....	31
Other Officers .....	14

## STUDENTS

### I. COLLEGE OF ARTS AND SCIENCES:

Graduate students.....	7
Seniors .....	63
Juniors .....	41
Sophomores .....	92
Freshmen .....	172
Special students.....	16
	— 391

### II. COLLEGE OF ENGINEERING:

Graduate students.....	2
Seniors .....	8
Juniors .....	15
Sophomores .....	29
Freshmen .....	35
Students in A. and S. and Eng.....	7
Special students .....	5
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### III. SCHOOL OF LAW:

Seniors .....	57
Juniors .....	66
Students in A. and S. and Law.....	8
Special students .....	10
	— 141

### IV. SCHOOL OF MEDICINE:

Seniors .....	15
Juniors .....	13
Sophomores .....	28
Freshmen .....	38
	— 94

# SUMMARY

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## V. DEPARTMENT OF PHARMACY:

Class of 1914.....	3	
Class of 1915.....	5	
Special students.....	1	
		<hr/> 9

Total ..... 736

Names counted twice..... 15

Net total during regular session..... 721

Enrollment in Summer School..... 562

Total from June, 1913, to June, 1914.....

---

1283

# Degrees, Honors and Prizes

## Awarded in 1913

---

### MASTERS OF ARTS

<i>Name</i>	<i>Residence</i>
Charles Baker, A. B.....	Clopton
John Henry Barber, A. B.....	Tuscaloosa
William Richard Hale, A. B.....	Siluria

### MASTERS OF SCIENCE

John Cunningham, B. S.....	Grove Hill
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### CIVIL ENGINEERS

Robert Earl Gosa.....	Knoxville
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### BACHELORS OF ARTS

Lamar Aldridge.....	Catherine
Anna Louise Alston.....	Clayton
Fitzhugh Lee Carmichael.....	Goodwater
Ruth Reese Chiles.....	Ensley
Minnie Louise Cocke.....	Birmingham
Michael Cody, Jr.....	Montgomery
Felton Collier.....	Boaz
John Louis Dean.....	Camp Hill
Noma Dobson .....	Sylacauga
Mary Bacon Duncan.....	Tuscaloosa
Margaret Carolyn Durrett.....	Northport
Goldie May Eshelman.....	Birmingham
Frances Foster.....	Northport
Edwin Lee Goodhue.....	Gadsden
David Henderson Hamner.....	Nathan
Middleton Edward Head.....	Roanoke
Julius Washington Hicks.....	Ozark
Julien Washington Hohenberg.....	Wetumpka
Peterson Bryant Jarman.....	Livingston
Annie Lee Jenkins.....	Emelle
DeVane King Jones.....	Tuscaloosa



<i>Name</i>	<i>Residence</i>
Mary Clare Key.....	Russellville
Holt Andrews McDowell.....	Ensley
Flora Love McLeod.....	Sylacauga
Julian Erdreich Meyer.....	Birmingham
Fay Brewster Murphy.....	Birmingham
Pearle Patton.....	Tuscaloosa
Jefferson Cumley Pennington.....	Wetumpka
Elizabeth Pettey.....	New Decatur
Clarence Cecil Randall.....	Marion Junction
William Richardson, Jr.....	Huntsville
Mary Jane Rushing.....	Atmore
Emma Self.....	Birmingham
Toxey Hannon Sewell.....	Titus
Eugene Hudson Strode.....	Demopolis
Robert Byron Tapia.....	Mobile
John Kepler Taylor.....	Yadkinville, N. C.
Bryant King Vann.....	Gadsden
Kossuth Mayer Williamson.....	Lower Peach Tree

## BACHELORS OF SCIENCE

Lewe Gurley Coleman.....	Midland City
Rupert Eli Deese.....	Brundidge
Emmett Baxter Frazer.....	Mobile
Joseph Wren Freeman.....	Wetumpka
Jesse Hamilton Graves.....	Blountsville
Rex Elwood Partin.....	Neenah
Sadie Wrenn Smith.....	Livingston
Mike Sollie, Jr.....	Ozark
Raymond Addison Warburton.....	Brooklyn, N. Y.
Henry Davis Weathers.....	Wedowee
Peyton Ward Williams.....	University

## BACHELORS OF SCIENCE IN CIVIL ENGINEERING

Charles Douglas Riddle.....	Talladega
John Henderson Wallace.....	Birmingham

## BACHELORS OF SCIENCE IN MECHANICAL ENGINEERING

Charles Allen Long.....	Bessemer
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## BACHELORS OF SCIENCE IN ELECTRICAL ENGINEERING

<i>Name</i>	<i>Residence</i>
Kenneth Madison McDonald.....	Birmingham

## BACHELORS OF LAWS

Chester Gabriel Bandman.....	Birmingham
John Rufus Bealle.....	Tuscaloosa
Roderick Beddow.....	Birmingham
Morgan Smith Belser.....	Montgomery
Earney Bland.....	Hanceville
Harris Burns.....	Birmingham
Frank Spence Coffin.....	Mobile
Phares Coleman, Jr.....	Montgomery
Waller Raymond Cooper.....	Centerville
Clement C. Countess.....	Maypearl, Texas
William Jefferson Dansby.....	Silas
Charles Albert DeBardeleben.....	Greensboro
John Fuller Dillard.....	Mathews
Stephen Alexander Douglas.....	Brewton
Jerone Josiah Edmundson.....	Birmingham
James Esdale.....	Birmingham
Herbert Uriah Feibelman .....	Mobile
George Davis Finley.....	Blountsville
Mell Alexander Frazer.....	Mobile
Isadore Jacquese Friedman.....	Brantley
Joseph Maury Gandy.....	Birmingham
Lawrence Francis Gerald.....	Thorsby
Evans Herndon Glenn, Jr.....	Seale
Harry Britton Groom.....	Mobile
Adlai Shipley Grove.....	Panola
Littleberry Byrd Haley.....	Birmingham
Lonnie Roscoe Julian.....	Blountsville
Henry Forrest Lashley.....	Eutaw
Charles Sidney Leyden.....	Anniston
William Levi Longshore.....	Columbiana
Paul Oliver Luck.....	Albertville
John Alexander Lusk, Jr.....	Guntersville
DeWitt McCargo .....	Talladega
Gordon Oliver McGehee.....	Montgomery

<i>Name</i>	<i>Residence</i>
Lamar Young McLeod.....	Grove Hill
Allen Washington Mathis.....	Gadsden
Chester Grady Mimms.....	Bessemer
John Oaty Morris.....	Tuscaloosa
John Calhoun Morrow.....	Birmingham
Pheron Anthony Nash.....	Walnut Grove
Roy Bolton Patton.....	Livingston
Frank Darrow Peebles.....	Vienna
Jesse Marvin Pennington.....	Vernon
Percy McGraw Pitts.....	Columbiana
Saxon Pace Poyner.....	Newton
Clifford Lewis Rabb.....	Brewton
Benjamin Franklin Ray.....	Alexander City
James Adrian Reams.....	Alexander City
James Carroll Roberts.....	Florence
Edwin Abell Robertson.....	Birmingham
Charles McPherson Aduston Rogers, Jr.....	Gainesville
Harris Waller Seed.....	Greensboro
Tazewell Taylor Shepard.....	Mt. Vernon
Harry Hardy Smith.....	Mobile
Maclin Ferdinand Smith.....	Birmingham
Frank Edward Spain.....	Andalusia
Manie Clide Stewart.....	Weogufka
Albert Strange.....	Birmingham
Julien Max Strassburger.....	Montgomery
Crawford Asbury Tatum.....	LaFayette
John Knox Thompson.....	Tuscaloosa
Charles Reuben Wiggins.....	Evergreen
Dennis Marion Williams.....	Stonewall, Miss.
Festus Ferdinand Windham.....	Tuscaloosa
Joe Cal Yarbrough.....	Montgomery
Oliver Ernest Young.....	Vernon

## DOCTORS OF MEDICINE

Isaac Grant Armistead.....	Grove Hill
James Howard Blue.....	Elba
Frederick Felix Paget Boswell.....	Mobile
Austin Francis Boyd.....	Emelle

<i>Name</i>	<i>Residence</i>
Harry Reginald Cogburn .....	Semmes
Edmonson Swift Shorter Couric.....	Eufaula
Leon Dean .....	Wedowee
Robert Bruce Dodson .....	Falkville
Daniel Bascom Faust.....	Clio
William Cook Foshee.....	Alexander City
James Thomas Gaines.....	Crossville
George Washington Kiehnhoff.....	Magnolia Springs
Marion Augustus Kirklin .....	Andalusia
Michael Jones Lingo.....	Clopton
Reuben Terrell McCraw.....	Oxford
Horace Lamar McWhorter.....	Collinsville
James Devote Perdue .....	Farmersville
James Walton Terrill .....	Mobile
Easter Wood Tucker.....	Thomasville
Hinton Wright Waters.....	Brundidge
Lee Weathington .....	Crossville
Joesph Marion Weldon.....	Wetumpka
Leroy Hammond Woodruff.....	Anniston

## GRADUATES IN PHARMACY

## Class of 1913

John L. Guice.....	Grapeland, Texas
George E. Richardson.....	Stockton



## Honors in 1913

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At the close of each collegiate year, special honors designated as Highest Honors are conferred in accordance with the following regulation:

All students who have obtained the highest grade (grade A) in each study pursued during the year shall be entitled to the Highest Honors of the University.

### IN THE COLLEGE OF ARTS AND SCIENCES

#### SENIORS

Fitzhugh Lee Carmichael  
Emmett Baxter Frazer

#### JUNIORS

Richard Earle Jones  
Bessie Alleen Pake

#### SOPHOMORES

Ruby Patton  
Ida Louise Ray  
Ruth Agnes Yerion

#### FRESHMEN

Willis Alston Banks  
Jennie Caroline Perkins  
Frances Fones Williams

### IN THE SCHOOL OF LAW

#### SENIORS

Herbert Uriah Feibelman  
Gordon O. McGehee  
John Oaty Morris  
Jesse Marvin Pennington  
Harry Hardy Smith

## UNIVERSITY OF ALABAMA

Maclin Ferdinand Smith  
Frank Edward Spain  
Manie Clide Stewart

## JUNIORS

Freeman Bozeman Daniel  
Nimrod Davis Denson, Jr.  
William Harold Joiner  
Luther Brooks Liles  
Oscar Lealon Tompkins  
Herbert J. Ward  
James Lamar Wiley

## IN THE SCHOOL OF MEDICINE

Frederick Felix Paget Boswell  
Daniel Bascom Faust

## Prizes in 1913

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### IN THE COLLEGE OF ARTS AND SCIENCES

The Trustees Prize, for the best oration delivered by a member of the senior class on senior day, was awarded to Bryant King Vann. Subject: The Law of Social Return.

The Tennant Lomax Prize, for the best oration delivered by a member of the junior class at their annual contest, was awarded to James Fred Johnson, Jr. Subject: A Defense of Representative Government.

The C. E. Thomas Medal, for the best declamation in the freshman contest, was awarded to Charles Claud Greer. Subject: The Boy Orator of Zapata City.

In 1912-13 Mr. Thomas offered a second gold medal for the contestant who ranks second in this contest. This second medal was awarded to Charles Arthur Lewis. Subject: A Tale of the Plains.

The Monnish Prize, for the best original composition in German or the best translation at sight of a passage of English prose into German, was awarded to Miss Annie Lee Jenkins.

### IN THE SCHOOL OF LAW

The Oliver Prize, for the best paper on some practical subject, submitted to and passed on by Hon. E. W. Faith, of the Mobile Bar, was awarded to Herbert Uriah Feibelman.

The Mayfield Prize, for the best thesis upon some legal subject assigned by the law faculty, was awarded to John O. Morris.

The American Law Book Company Prize, for the best paper on some legal subject assigned by the law faculty, was awarded to Frank Edward Spain.

## IN THE SCHOOL OF MEDICINE

The Bush Prize, for the highest scholarship record during the four years of the medical course, was awarded to Daniel Bascom Faust.

The Rhett Goode Prize, for the second highest scholarship record, was awarded to Frederick Felix Paget Boswell.

The Rush Prize, for the highest scholarship record in the subject of genito-urinary diseases, was awarded to Daniel Bascom Faust.



# Affiliated Schools

## FULLY AFFILIATED SCHOOLS (Course of study four years in length)

<i>Location</i>	<i>President</i>
Abbeville.....3rd Dist. Agricultural School.....	C. E. Crosland
Albertville.....7th Dist. Agricultural School.....	S. L. Gipson
Athens.....8th Dist. Agricultural School.....	J. M. Atkinson
Blountsville.....9th Dist. Agricultural School.....	W. B. Crumpton
Evergreen.....2nd Dist. Agricultural School.....	J. T. McKee
Hamilton.....6th Dist. Agricultural School.....	H. O. Sargent
Jackson.....1st Dist. Agricultural School.....	R. L. Reaves
Sylacauga.....4th Dist. Agricultural School.....	J. S. Ganey
Wetumpka.....5th Dist. Agricultural School.....	J. M. Crowell

<i>Location</i>	<i>Principal or Superintendent</i>
Alexander City.....High School.....	J. M. Pearson
Andalusia.....High School.....	W. L. Yarbrough
Anniston.....Noble Institute.....	S. C. Pelham
Anniston.....Clay County High School.....	Miss Ethel Middleton
Ashland.....Green University School.....	J. F. Knight
Athens.....Escambia County High School.....	W. K. Green
Atmore.....Etowah County High School.....	C. A. Peavy
Attalla.....High School.....	J. R. Kimbrough
Bessemer.....Birmingham College Train. Sch'l.....	A. A. Persons
Birmingham.....Central High School.....	C. O'Rear
Birmingham.....Howard Academy.....	C. A. Brown
Birmingham.....Margaret Allen School.....	B. L. Noojin
Birmingham.....University High School.....	Miss W. M. Allen
Birmingham.....Collegiate Institute.....	J. J. White
Brewton.....Pike County High School.....	W. L. Porter
Brundidge.....Choctaw County High School.....	S. B. Gibson
Butler.....Wilcox County High School.....	Zack Rogers
Camden.....High School.....	Claude Hardy
Camp Hill.....Cherokee County High School.....	C. C. Mosely
Centre.....Bibb County High School.....	J. A. Johnson
Centreville.....Barbour County High School.....	J. W. Watson
Clio.....Houston County High School.....	A. C. Anderson
Columbia.....Shelby County High School.....	C. W. Johnson
Columbiana.....Cullman County High School.....	Lycurgus Leftwich
Dadeville.....Tallapoosa County High School.....	W. L. Hicks
Daphne.....Normal School.....	F. D. Graves
Decatur.....High School.....	B. B. Baker
Demopolis.....High School.....	J. M. Collier
Dothan.....High School.....	K. G. Hoover
Double Springs.....Winston County High School.....	J. M. Reeves
Eclectic.....Elmore County High School.....	B. B. McLeran
Elba.....High School.....	J. J. Yarbrough

<i>Location</i>	<i>Principal or Superintendent</i>
Elkmont.....	Limestone County High School..W. J. Steele
Ensley.....	High School.....E.B. Baxter
Enterprise.....	Coffee County High School.....R. Y. Dimmitt
Eufaula.....	High School.....W. I. Pittman
Eutaw.....	High School.....H. L. Upshaw
Floralala.....	High School.....A. F. Jackson
Ft. Deposit.....	Lowndes County High School.....J. P. Doster
Ft. Payne.....	DeKalb County High School.....R. L. Griffin
Gadsden.....	High School.....N. J. Callen
Georgiana.....	High School.....J. N. Jester
Greenville.....	High School.....W. P. Lunsford
Grove Hill.....	Clarke County High School.....C. B. Gamble
Guin.....	Marion County High School.....I. T. Quinn
Guntersville.....	Marshall County High School.....J. B. Clark
Gurley.....	Madison County High School.....Oscar Horton
Haleyville.....	High School.....W. T. Stephens
Hartford.....	Geneva County High School.....E. M. Meadows
Hartselle.....	Henry County High School.....B. H. Boyd
Headland.....	Morgan County High School.....J. H. Riddle
Heflin.....	Cleburne County High School...W. S. Sconyers
Huntsville.....	High School.....J. K. Hunt
Huntsville.....	Goodrich School.....R. C. Johnston
Jasper.....	Walker County High School.....J. C. Goodrich
LaFayette.....	High School.....J. A. Moore
Leighton.....	Colbert County High School.....F. T. Appleby
Lincoln.....	Talladega County High School...C. V. Thompson
Lineville.....	N. E. Ala. Agricultural InstituteJ. A. Morgan
Marion.....	Judson Academy.....R. G. Cusick
Milltown.....	Chambers County High School.....
Mobile.....	Baker High School.....J. D. Pepper
Mobile.....	High School.....Miss N. Baker
Mobile.....	Knott High School.....Lee Byrne
Mobile.....	Military Institute.....Miss E. Knott
Mobile.....	University Military School.....T. A. Taylor
Monroeville.....	Monroe County High School.....J. T. Wright
Montgomery.....	Barnes School.....G. A. Harris
Montgomery.....	Edgar School.....E. R. Barnes
Montgomery.....	Sidney Lanier High School.....R. B. Edgar
Montgomery.....	University School.....A. K. McKemie
Moulton.....	Lawrence County High School...J. M. Starke
Moundville.....	Normal School.....E. M. Hodson
New Decatur.....	High School.....A. S. Ford
New Market.....	High School.....W. F. Jones
Newton.....	Baptist Collegiate Institute.....W. S. Burks
Notasulga.....	Macon County High School.....A. W. Tate
Odenville.....	St. Clair County High School...H. C. McDonald

## AFFILIATED SCHOOLS

237

<i>Location</i>	<i>Principal or Superintendent</i>
Oneonta.....Blount County High School.....	J. O. Sturdivant
Opelika.....Lee County High School.....	T. C. Moore
Oxford.....Calhoun County High School.....	W. S. McLeod
Ozark.....Dale County High School.....	R. S. King
Piedmont.....High School.....	N. A. Jones
Pine Apple.....Moore Academy.....	Gordon Worley
Plantersville.....Dallas County High School.....	E. L. Williamson
Prattville.....Autauga County High School.....	J. L. Moulder
Reform.....Pickens County High School.....	H. T. Wallace
Roanoke.....Handley High School.....	J. T. Hendley
Rockford.....Coosa County High School.....	L. L. Vann
Rogersville.....Lauderdale County High Sch'l....	A. R. Jones
Russellville.....Franklin County High School....	W. L. Davis
Scottsboro.....Jackson County High School.....	E. T. Bolding
Selma.....Dallas Academy.....	R. P. Wills
Sheffield.....High School.....	A. F. Harman
Talladega.....High School.....	W. P. Johnson
Thomaston.....Marengo County High School....	D. A. McNeill
Thomasville.....High School.....	W. C. Blasingame
Thorsby.....Thorsby Institute.....	H. M. Morrow
Tuscaloosa.....High School.....	S. H. Herbert
Tuscaloosa.....University Training School.....	F. L. Grove
Tuscumbia.....High School.....	S. J. Pulliam
Tuscumbia.....Deshler Institute.....	J. F. Collins
Tuskegee.....High School.....	Miss Annabel Horne
Union Springs...High School.....	R. E. Thompson
Uniontown.....High School.....	E. S. Pugh
Vernon.....Lamar County High School.....	A. M. Spessard
Wedowee.....Randolph County High School....	J. L. Gibson
York.....Sumter County High School.....	R. L. Burks

## PARTIALLY AFFILIATED SCHOOLS

(Course of study three years in length)

<i>Location</i>	<i>Principal or Superintendent</i>
Aliceville.....High School.....	P. B. Pepper
Bay Minette.....High School.....	W. L. Harper
Boaz.....High School.....	S. M. Tharp
Boaz.....Snead Seminary.....	J. C. McAuley
Camp Hill.....Southern Industrial Institute....	L. F. Corley
Citronelle.....High School.....	Lyman Ward
Clanton.....High School.....	B. H. Johnson
Collinsville.....High School.....	J. J. Pickens
Cuba.....High School.....	S. J. McCall
Fayette.....High School.....	M. E. Head
Geneva.....High School.....	E. M. Kelly

<i>Location</i>		<i>Principal or Superintendent</i>
Gordo .....	High School.....	R. E. Little
Linden .....	High School.....	W. T. Snoddy
Louisville.....	High School.....	J. J. Holladay
Madison.....	High School.....	V. V. Norton
Marion.....	High School.....	T. G. Riddle
Mount Berry, Ga	Berry School.....	C. C. Johnson
Opp.....	High School.....	R. H. Adams
Red Level.....	High School.....	J. F. Scofield
Samson.....	High School.....	E. L. Stough
Slocomb.....	High School.....	W. T. Tiller
Sulligent.....	High School.....	E. J. Laney



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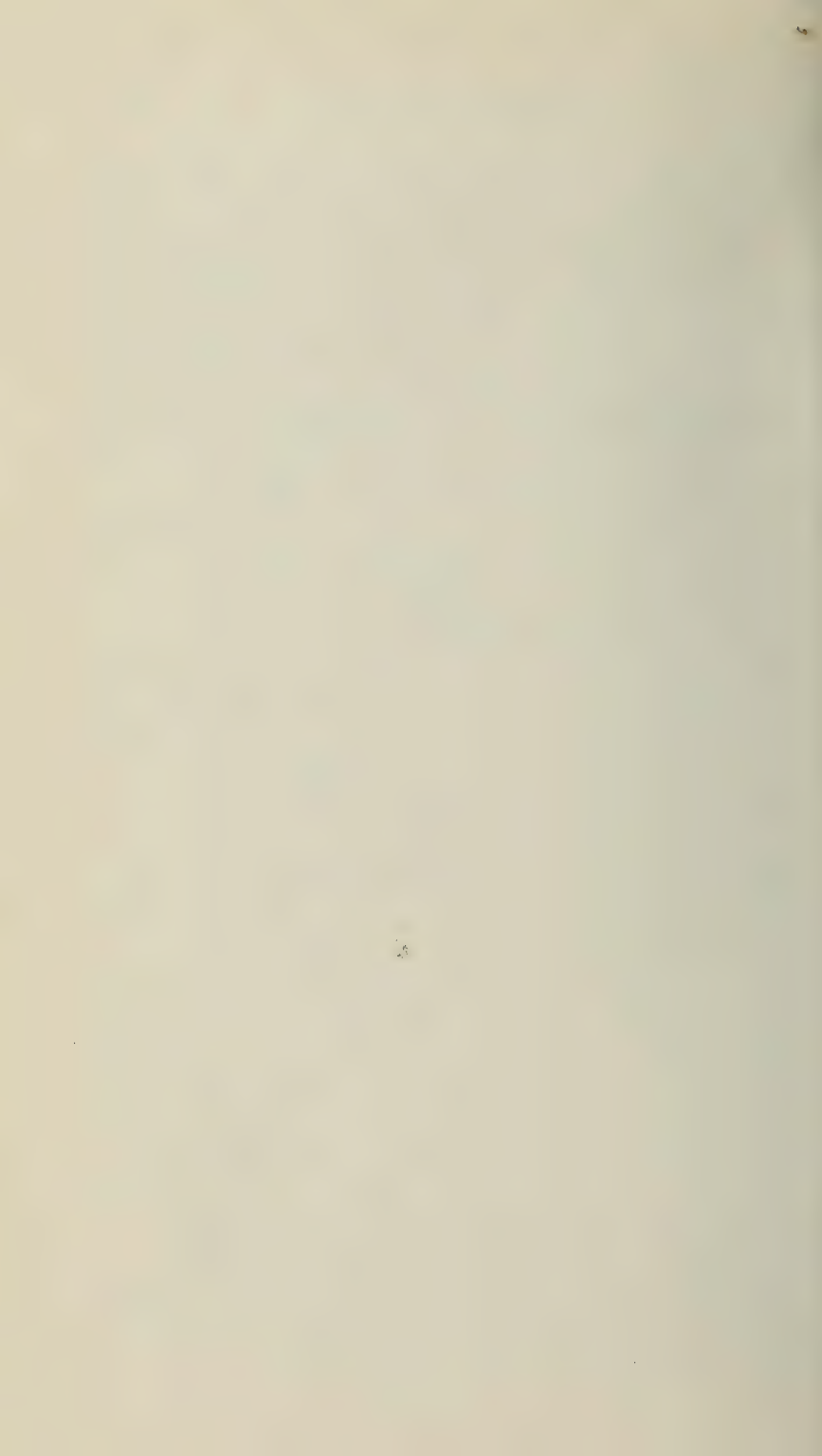
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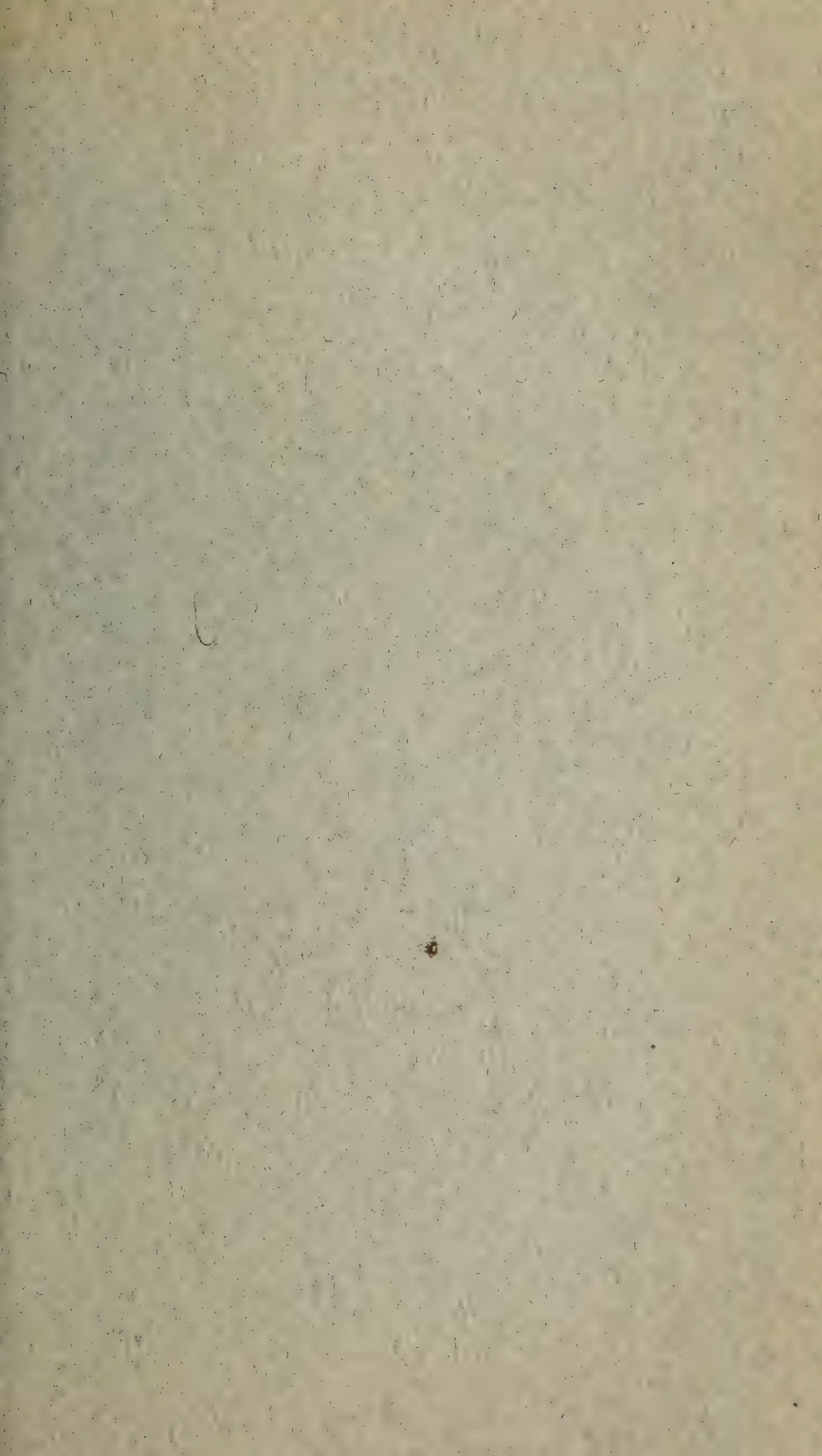
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New Series

MAY, 1915

Number 30

# University of Alabama Bulletin



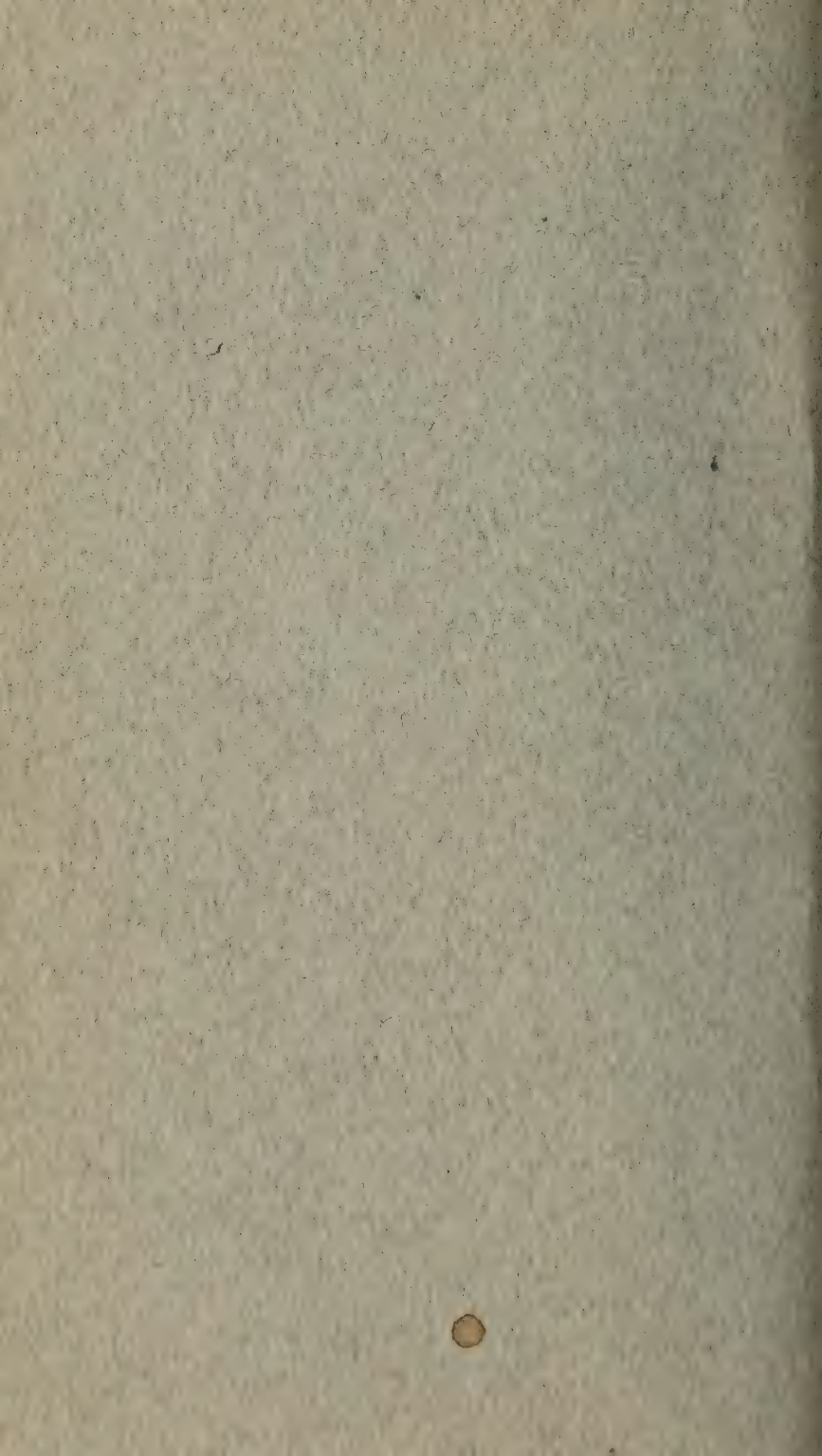
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# Catalogue

OF THE

## University of Alabama

FOR THE

College Year

1914-15

AND

Announcements for

1915-16

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PRINTED FOR THE UNIVERSITY  
UNIVERSITY, ALABAMA





# University Calendar

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SESSION OF 1915-1916

1915

- SEPTEMBER 6-7, Entrance Examinations, Enrollment, and Classification of Students.
- SEPTEMBER 8, First Term of College of Arts and Sciences, College of Engineering, and School of Law begins.
- SEPTEMBER 30, Session of School of Medicine at Mobile begins.
- NOVEMBER 25, Thanksgiving Day.
- DECEMBER 1, Second Term begins.
- DECEMBER 22, Christmas Vacation begins at 1 o'clock p. m.

1916

- JANUARY 4, Exercises are resumed at 8 o'clock a. m.
- FEBRUARY 22, Senior Class Day.
- MARCH 8, Third Term begins.
- MAY 28, Baccalaureate Sunday.
- MAY 29, Speaking for Trustees Prize.
- MAY 30, Alumni Day.
- MAY 31, Commencement Day.
- JUNE 1, Summer Vacation begins.
- JUNE 7, Commencement of School of Medicine at Mobile.

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- JUNE 8, University Summer School for Teachers begins.
- JULY 19, Summer School closes.

# Board of Trustees

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HIS EXCELLENCY, CHARLES HENDERSON,  
Governor of Alabama, President, *ex-officio*.

WILLIAM F. FEAGIN, State Superintendent of Education, *ex-officio*.

Congressional Districts		Term expires
First District	THOMAS M. STEVENS, Mobile	1919
Second District	ROBERT E. STEINER, Montgomery	1923
Third District	EUGENE H. GLENN, Seale	1915
Fourth District	*J. H. JOHNSON, Talladega	1919
Fifth District	DANIEL PRATT, Prattville	1923
Sixth District	THOMAS W. COLEMAN, Eutaw	1919
Sixth District	HENRY B. FOSTER, Tuscaloosa	1915
Seventh District	HUBERT T. DAVIS, Gadsden	1923
Eighth District	THOMAS C. McCLELLAN, Athens	1915
Ninth District	HUGH MORROW, Birmingham	1923
ROBISON BROWN, Secretary and Commissioner of University Lands SHALER C. HOUSER, Treasurer		
Executive Committee of the Board		
MESSRS. FOSTER, PRATT, STEINER		

\*Died November 25, 1913.

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## Officers of Administration

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ALBERT J. FARRAH, A. M., LL. B.  
Dean of the School of Law.

MRS. FREDERICK D. LOSEY, B. O.,  
Dean of Women.

# University Faculty

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EUGENE A. SMITH, Ph. D. (Heidelberg), LL. D. (Alabama),  
Emeritus Professor of Mineralogy and Geology, and State Geologist.

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Professor of Therapeutics, Materia Medica and Pharmacognosy.

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LEE BIDGOOD, A. M. (Virginia),  
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\*Resigned, May, 1915.



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HERBERT P. COLE, A. M., M. D.,  
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ALFRED E. MAUMENEE, M. D.,  
Associate Professor of Ophthalmology.

JOHN O. RUSH, B. S., M. D.,  
Associate Professor of Genito-Urinary Diseases.

RUFFIN A. WRIGHT, A. M., M. D.,  
Associate Professor of Laryngology, Otology and Rhinology.

FREDERICK G. STICKNEY, A. M. (Alabama and Harvard),  
Adjunct Professor of English.

JACK P. MONTGOMERY, A. M. (Southwestern Presbyterian University), Ph. D. (Virginia),  
Adjunct Professor of Chemistry.

THOMAS B. WARD, A. B., LL. B. (Alabama),  
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STONEWALL J. PULLIAM, A. M. (Central University),  
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Assistant Professor of Obstetrics.

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Instructor in Surgery.

EMIT L. McCAFFERTY, M. D.,  
Instructor in Clinical Psychiatry.

LEE W. ROE, M. D.,  
Instructor in Physical Diagnosis.

ERNEST S. FEAGIN, M. D.,

Instructor in Surgery.

JOSEPH SCHWARZ, B. S., M. D.,

Instructor in Medicine.

JAMES J. PETERSON, M. D.,

Instructor in Materia Medica and Therapeutics.

EDWARD SLEDGE, B. S., M. D.,

Instructor in Radiography.

RICHARD E. JONES, A. B.,

Instructor in French.

FRANK SHORT, M. S., M. E.,

Instructor in Physics and Electrical Engineering.

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Lecturer in Legal Medicine.

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Lecturer in Psychiatry.

VIVIAN P. GAINES, M. D.,

Clinical Lecturer in Obstetrics.

HARRY T. INGE, A. B., M. D.,

Clinical Lecturer in Surgery.

WILLIAM T. HENDERSON, M. D.,

Clinical Lecturer in Gynecology.

GEORGE H. FONDE, M. D.,

Clinical Lecturer in Medicine.

RUDOLPH VON EZDORF, M. D.,

Special Lecturer in Tropical Medicine.

EUGENE THAMES, M. D.,

Instructor in Operative Surgery and Surgical Pathology.

DANIEL T. McCALL, A. B., M. D.,

Lecturer in Pediatrics.

JULIUS G. HENRY, M. D.,

Instructor in Medicine.

HOWARD H. BELL, P. D., M. D.,

Instructor in Pathology and Bacteriology.

RUFUS C. PARTLOW, M. D.,

Instructor in Clinical Neurology.

ROY M. THIGPEN,

Instructor in Biology.

JESSE H. JACKSON, A. B.,

Fellow and Assistant in English.

THOMAS J. LESLIE, B. S.,  
Fellow and Assistant in Mathematics.

CALVIN POOLE, A. B.,  
Assistant in English.

JOHN KING WOOLF,  
Assistant in Civil Engineering.

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Assistant in Dermatology.

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Assistant in Anatomy.

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Assistant in Surgery.

HURBIE A. TAYLOR, M. D.,  
Clinical Assistant in Tropical Medicine.

DANIEL B. FAUST, M. D.,  
Clinical Assistant in Surgery.

JAMES W. TERRILL, M. D.,  
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GEORGE W. KIEHNHOFF, M. D.,  
Clinical Assistant in Medicine.

JAMES T. GAINES, M. D.,  
Clinical Assistant in Surgery.

E. E. ESCULABTE, M. D.,  
Clinical Assistant in Genito-Urinary Diseases.

ANDREW A. COFFIN,  
Assistant in Electrical Engineering and Physics.

WILLIAM A. HOLT,  
Assistant in Civil Engineering.

NEIL NEVILLE,  
Assistant in Mining Engineering.

LEWIS M. SMITH,  
Assistant in Mechanical Engineering.

FRED ALBERT LEWIS,  
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PATRICK H. CARMICHAEL,  
Assistant in Chemistry.

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Assistant in History.

FRED A. LUQUEER,  
Assistant in Biology.

**OTHER OFFICERS**

SHALER C. HOUSER, C. E.,  
Treasurer and Bursar-Registrar.

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University Physician.

ALICE S. WYMAN,  
University Librarian.

MARY GORGAS,  
Assistant Librarian.

THOMAS H. GARNER, A. B., LL. B.,  
Director of Glee Club.

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MARCUS J. FLETCHER,  
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C. D. SHEPHERD,  
Law Librarians.

S. O. PARK,  
Engineering Librarian.

H. H. BARNETT,  
E. BLAND,  
J. W. HICKS,  
C. W. JOPLIN,  
Disciplinarians.

ALEXANDER G. MILLER,  
Superintendent of Grounds and Buildings.

SOLOMON H. HINCKLEY,  
Chief Engineer and Superintendent of Power Plant.

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**OFFICERS OF THE GEOLOGICAL SURVEY**

EUGENE A. SMITH, Ph. D.,  
State Geologist.

WILLIAM F. PROUTY, Ph. D.,  
STEWART J. LLOYD, Ph. D.,  
Assistant Geologists.

ROBERT S. HODGES,  
Chemist.

HERBERT H. SMITH,  
Curator of Museum.



## STANDING COMMITTEES

THE UNIVERSITY COUNCIL—The President, Deans Barnwell, Doster, Davis, Farrah, Bondurant, Professor Saffold.

COMMITTEE ON ADMISSION—Professors Barnwell, Doster, Thomas.

COMMITTEES ON INSTRUCTION:

*For College of Arts and Sciences*—Professors Barnwell, Graham, Sayre.

*For College of Engineering*—Professors Davis, Wittig, Gallalee.

*For School of Law*—Professors Farrah, Dickinson, Ward.

*For School of Education*—Professors Doster, Cooper, Thomas.

*For School of Medicine*—Professors Mohr, Jackson, Gaines, Phillips, Thayer.

COMMITTEE ON LIBRARY—Professors Brownell, Lloyd, Sayre.

COMMITTEE ON ATHLETICS—Professors Smith, Houser, Noojin, Stickney.

COMMITTEE ON STUDENT PUBLICATIONS—Professors Davis, Foster, Losey.

COMMITTEE ON UNIVERSITY PUBLICATIONS—Professors Brownell, Barnwell, Davis, Doster, Farrah, McCorvey, Phillips.

COMMITTEE ON STUDENT ORGANIZATIONS—Professors Bidgood, Prouty, Burke.

COMMITTEE ON AFFILIATED SCHOOLS—Professors Doster, Thomas, Lloyd.

COMMITTEE ON RECOMMENDATION OF TEACHERS—Professors Doster, Barnwell, Thomas.

COMMITTEE ON GRADUATE STUDY—Professors Losey, Bidgood, Doster, Lloyd.



# The University

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## HISTORICAL STATEMENT

The University of Alabama is an institution maintained by the state of Alabama for the collegiate and professional education of its youth. It was called into existence by the generosity of the Congress of the United States, and fostered by the founders of the state.

The constitutional convention which met at Huntsville, Alabama Territory, on July 5, 1819, adopted the following article:

Schools and the means of education shall forever be encouraged in this state. \*\*\* The general assembly shall take like measures for the improvement of such lands as have been or may be hereafter granted by the United States to this state for the support of a seminary of learning, and the moneys which may be raised from such lands by rent, lease, or sale, or from any other quarter, for the purpose aforesaid, shall be and remain a fund for the exclusive support of a state university, for the promotion of the arts, literature, and the sciences; and it shall be the duty of the general assembly, as early as may be, to provide effectual means for the improvement and permanent security of the funds and endowments of such institutions.

In 1819, the congress of the United States donated seventy-two sections, or 46,080 acres, of land within the state for the endowment of a seminary of learning. At the second session of the general assembly, an act was passed, December 18, 1820, establishing a seminary of learning "to be denominated the University of Alabama."

At the third session of the general assembly, on December 13, 1821, an act was passed providing that "his excellency the governor, *ex-officio*, together with twelve trustees, two from each judicial circuit, to be elected by joint ballot of both houses of the general assembly, to continue in office for the term of three years," should constitute a body politic and corporate in deed and in law, by the name of "The Trustees of the University of Alabama," and that the governor should be *ex-officio* president of the board. The first meeting of the board of trustees was held at the town of Tuscaloosa on April 6, 1822. On December 29, 1827, the general assembly, by joint ballot of both houses,

selected Tuscaloosa as the seat of the University. The site whereon to erect the buildings, one mile and a quarter east of the court house in Tuscaloosa, was selected by the trustees on March 22, 1828. On April 12, 1831, the University was opened for the admission of students. On April 4, 1865, a body of federal cavalry set fire to and completely destroyed all the public buildings of the University, except the astronomical observatory. The erection of new buildings was begun in January, 1867, and collegiate instruction was resumed in April, 1869.

Through the efforts of Senator John T. Morgan a second donation of public lands within the state, to the extent of seventy-two sections, or 46,080 acres, was made to the University by the congress of the United States by the act of February 25, 1884, in restitution of the loss in buildings, library, and scientific apparatus incurred in 1865.

On March 6, 1907, the legislature of Alabama increased the material equipment of the University by voting the sum of four hundred thousand dollars to be used as a fund for the erection of new buildings during the years 1907-1910.

Under action of the legislature on the same date, the Medical College of Alabama, established in 1859 and located in Mobile, became an organic department of the University and passed under the control of the board of trustees.

### PRESIDENTS OF THE UNIVERSITY

ALVA WOODS, D. D.	1831-1837
BASIL MANLY, D. D.	1837-1855
LANDON CABELL GARLAND, LL. D.	1855-1865
WILLIAM RUSSELL SMITH, LL. D.	1870-1871
NATHANIEL T. LUPTON, A. M.	1871-1874
CARLOS G. SMITH, M. D., LL. D.	1874-1878
JOSIAH GORGAS, LL. D.	1878-1879
WILLIAM S. WYMAN, LL. D. (Acting)	Feb., 1879-July, 1880
BURWELL BOYKIN LEWIS, LL. D.	1880-1885
WILLIAM S. WYMAN, LL. D. (Acting)	1885-1886
HENRY D. CLAYTON, LL. D.	1886-1889
WILLIAM S. WYMAN, LL. D. (Acting)	1889-1890
RICHARD CHANNING JONES, LL. D.	1890-1897
JAMES K. POWERS, LL. D.	1897-1901
WILLIAM S. WYMAN, LL. D.	1901-1902
JOHN W. ABERCROMBIE, LL. D.	1902-1911
WILLIAM BERNEY SAFFOLD, Ph. D. (Acting)	Sept., 1911-Dec., 1911
GEORGE H. DENNY, A. M., Ph. D., LL. D.	1912



## ORGANIZATION

The University of Alabama is a part of the public school system maintained by the state of Alabama. The control of the University is entrusted to a board of trustees, consisting of the governor of the state and the state superintendent of education *ex-officio*, and one member from each of the nine congressional districts, excepting the district in which the University is located, which has two members. The board of trustees is a self-perpetuating body, election to membership being subject to confirmation by the senate. The entire state is thus represented in its management.

The University is administered through the following organizations:

1. The College of Arts and Sciences.
2. The School of Education.
3. The College of Engineering.
4. The School of Law.
5. The School of Medicine (at Mobile).
6. The Summer School for Teachers.

## GROUNDS AND BUILDINGS

The University grounds, adjacent to the city of Tuscaloosa, comprise nearly three hundred acres, extending northward from University avenue one mile to the Black Warrior river. Near the middle of this tract is the campus proper, consisting of about forty acres. Set well to the rear is the University quadrangle, consisting of four buildings. Besides the four buildings on this quadrangle, there are five other college buildings on the grounds. On the front and two sides of the campus are the houses of the faculty, the president's mansion, and the new dormitory for women.

**Woods Hall**, which forms the rear line of the University quadrangle, is a building of four stories. The first floor contains the dining hall of the University, the University post-office, and the supply store. The second, third, and fourth stories are appropriated mainly to students' apartments.

**Manly Hall**, which forms the west side of the quadrangle, is a building of three stories. The first story contains the offices of the president, the dean and the treasurer

and bursar-registrar. The second and third stories are used for students' apartments.

**Clark Hall**, the central building on the south side, which is the front of the quadrangle, contains the library and reading room. The second floor has been remodeled recently into a large hall for general social purposes.

**Garland Hall** on the east is the counterpart of Manly Hall on the west, and completes the University quadrangle. It is used exclusively as a students' dormitory.

**Smith Hall** on the eastern side of the campus is dedicated to the natural sciences. It contains the Alabama Museum of Natural History, described on Page 22, also the lecture rooms and laboratories of the geological and biological departments of the University, and the offices, library, and chemical laboratory of the geological survey.

**Comer Hall**, the engineering building, occupies the northwestern corner of the campus. It contains the departments of engineering, with their laboratories, the department of physics, and the University power plant.

**Morgan Hall**, the academic building, is situated on the western side of the campus, directly opposite Smith Hall. It contains the lecture rooms and offices of most of the departments of the college of arts and sciences, the lecture rooms and libraries of the schools of law and education, and an auditorium with a seating capacity of about 1,000.

**Tuomey Hall**, situated on the eastern side of the campus, is occupied exclusively by the chemical laboratories and lecture rooms.

**Barnard Hall**, directly opposite Tuomey Hall, contains the University gymnasium and the rooms of the Young Men's Christian Association.

**The Astronomical Observatory** is on a neighboring elevation outside the campus. It also furnishes quarters for the University Club.

The school of medicine is located in the city of Mobile. For a description of its buildings see page 132.

**The Women's Dormitory**, built in 1914, is situated on the south side of University avenue immediately west of the president's mansion. This dormitory, colonial in architecture, is built of red oriental brick with white mortar and trimmings. It is the first of a group of three which will be connected by corridors.

The main portion of the building is three stories high and affords accommodations for fifty-six women students. The dining room, with a capacity equal to that of the group when completed, is one story high. The office of the dean of women is on the first floor.

The dormitory is heated by steam and lighted by electricity. All of the rooms are outside rooms. They are in suites of two double-bed rooms and a study room. There are several single bed rooms. The matron has apartments in the building.

Fumed oak furniture and white enameled iron single beds have been provided throughout the building. All of the windows and outside doors have been screened.

# Material Equipment

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## LIBRARIES

### UNIVERSITY LIBRARY

This rapidly growing library contains 20,000 bound volumes, and a large number of valuable pamphlets. The books are classified according to the Dewey decimal system.

The library is open every day, except Sundays and holidays, from 8 a. m. to 1 p. m., from 2 to 5, and from 7 to 9 p. m. On Sundays it is open from 2:30 to 4:30 p. m. All students are allowed to draw books, and are aided in consulting the library by the librarians and the members of the faculty.

The reading room is supplied with over one hundred of the leading newspapers and magazines. The reading room hours are the same as the University library hours.

### DOCUMENT ROOM

The University has been designated as a depository of the publications of the federal government. Such publications have been withdrawn from the general library and placed in a separate room provided for the purpose. They are arranged and numbered according to the government check-list, and are, therefore, accessible for consultation and reference. The document room now contains about 8,000 volumes, 3,500 pamphlets, and many valuable maps, including nearly a complete set of the publications issued since the close of the War between the States.

### LAW LIBRARY

A law library is provided in the lecture rooms of the school of law, and is kept open during the entire day for the use of law students. The foundation of this library was laid by withdrawing from the general library such books of law and law literature as were appropriate to it, and by a donation by the state legislature, from year to year, of elementary works and state reports.

### ENGINEERING LIBRARY

An engineering library is housed in Comer Hall. It contains files of most of the engineering periodicals and many reference works and society publications.



## MUSEUM LIBRARY

The library attached to the Museum of Natural History contains over 6,000 volumes and a very large number of pamphlets relating to geology and kindred subjects, forming easily the most important gathering of its kind in the southern states. Nearly two-thirds of these were the gift of Dr. E. A. Smith. Through the munificence of Mr. T. H. Aldrich the collection has recently been enriched by about 1,500 volumes on conchology and other branches. The library also owes to the courtesy of Senator Frank S. White 250 handsomely bound volumes, just received, of Bulletins, Professional Papers, and Water Supply Papers of the United States Geological Survey. Twenty-five scientific journals are regularly received and kept on file, also about an equal number of proceedings of American and foreign scientific societies. The Museum library is open to those interested in science, but the books cannot be taken from the building.

## DEPARTMENT LIBRARIES

In addition to the general collections above referred to, several departments in the college of arts and sciences are supplied with reference books, periodicals, and charts relating to their work.

## DONATIONS TO THE UNIVERSITY LIBRARY

The University will be grateful for gifts to the library, especially of works on the history and literature of Alabama. The Library Gift Book, in which donations are recorded, shows a considerable number of gifts received each year.

## LABORATORIES AND SCIENTIFIC COLLECTIONS

## THE CHEMICAL LABORATORY

Tuomey Hall, the chemical laboratory, is a brick building of two stories, with a one-story wing. It is thoroughly equipped with the apparatus and chemicals necessary to give the courses offered.

The one-story portion serves as a laboratory for first-year students in general chemistry, and is equipped with desks for 80 students. The lower floor of the two-story part contains a laboratory for second-year students, a laboratory for quantitative analysis, an assay room, a balance room, and a general stock room. On the second floor are a large and well appointed

lecture room, a preparation room and laboratory for advanced work, a library, and a dark room for photographic and spectroscopic work.

#### PHYSICS LABORATORY

The department of physics occupies the lower and a portion of the upper floor of the south end of Comer Hall. It possesses an equipment for demonstration purposes and for individual use by students which represents the accumulation of many years, and to which additions are constantly being made to meet modern conditions. The larger pieces include projector lanterns, air pumps, a 12-inch spark coil, wireless telegraph apparatus, X-ray tubes, a dividing engine, and precision instruments of various types. Recent acquisitions are an analytical balance of excellent quality for fine weighing, a potentiometer, and a portable photometer. In addition there is an excellent collection of smaller apparatus of high grade, and a full equipment of the simpler forms used by students in the first course.

The laboratories are of liberal area. They are supplied with gas and running water, and wired for electric light and power. The one on the first floor, for advanced students, contains a concrete galvanometer pier, carried up from the ground for delicate work requiring special freedom from vibration. Adjacent are dark rooms for photometry, photography, and optics, a shop for the construction and repair of apparatus, smaller rooms for special work, an apparatus room, and the departmental offices and library.

Across the corridor is the large lecture room of the department, with a seating capacity of 250, and on the floor above are recitation rooms and the laboratory for first-year classes, with tables and apparatus sufficient for fifty students working at the same time.

#### THE ASTRONOMICAL OBSERVATORY

The astronomical observatory is on a neighboring elevation near the edge of the campus. It is provided with an equatorial telescope of eight-inch aperture and twelve-foot focal length; also with a fine transit circle, of four-inch aperture and five-foot focal length, three portable telescopes, a sextant, an astronomical clock, and a chronograph.

#### OFFICIAL STATE TESTING LABORATORIES

The Alabama legislature has designated the testing laboratories of the college of engineering, in connection with the

geological and chemical laboratories, as the official state testing laboratories for cements and all other materials of construction. The equipment of these laboratories is not excelled by that of any southern institution.

Many tests have already been made for engineers and corporations and it is hoped that still greater public service may be rendered by these laboratories in the future. Tests of road, structural and other materials, water for domestic and manufacturing use, road and lubricating oils, hydraulic and other machinery may be arranged for by correspondence with the director of the laboratory concerned.

For further details concerning the chemical and geological survey laboratory, see pages 19 and 26.

#### ENGINEERING LABORATORIES

The engineering laboratories, with the exception of the hydraulic laboratory, are located in Comer Hall. For description of these laboratories and equipment, including hydraulic laboratory, see college of engineering, page 89.

#### THE LABORATORIES OF BIOLOGY, MINERALOGY AND GEOLOGY

These laboratories, together with the natural history collections, and the offices and chemical laboratory of the geological survey of the state, are located in Smith Hall.

This building, of Ionic style of architecture, consists of a main or central part of three stories and basement, and two wings of two stories and basement. The materials of construction are light-colored pressed brick, with columns, cornices, and other courses of Bedford limestone. In architecture and construction this is one of the most beautiful buildings in the South, and in plan and dimensions it is one of the best designed for the purposes of a museum of natural history.

The first floor of the north wing and the second floor, except two rooms, are occupied by the department of biology. The space is suitably divided to provide laboratories and lecture rooms for general biology, physiology, comparative anatomy, histology and embryology.

The south wing, with three basement rooms, contains the lecture room and laboratory of the department of geology, and the offices, chemical laboratory, and storage rooms of the state geological survey.

The main or central portion of the building is the Museum of Geology and Natural History, described below under the caption "Museum."

## BIOLOGY

This laboratory, located in the north wing and basement of Smith Hall, is supplied with an adequate number of compound and simple microscopes of the best quality, paraffin ovens, incubators, microtomes, a full line of glassware, chemicals, and other accessories to microscopic work.

The lecture room is provided with an excellent stereopticon and micro-projection lantern. In a word, the department is well equipped for advanced work in the field of animal and plant histology and embryology, and additional equipment is being installed for advanced courses in physiology. The collections of the museum as well as the library in the same building are available to special students in biology.

## GEOLOGY AND MINERALOGY

These laboratories are in the central part (first floor) of Smith Hall. In addition to the museum collections in geology and the museum library elsewhere mentioned, all of which are at the service of the students, the equipment embraces:

1. Laboratories for blowpipe work in mineralogy and for the general geological work. These have extensive collections of crystal models, natural crystals, minerals, ores, rocks and fossils as working material for the various classes.

2. Equipment for the projection of lantern slides, rock sections and opaque bodies, together with collections of slides, photographs, charts, maps and models for illustrating the various courses.

## ALABAMA MUSEUM OF NATURAL HISTORY

By law, the collections of the Alabama Geological Survey, except certain duplicates, are given to the University; very large additions have been made by donations, exchanges and the work of the museum itself. Hence, the University museum is now the largest and most important in the southern states and its influence is constantly increasing.

It occupies the entire central or main part of Smith Hall, together with portions of the wings. The entrance hall, on the first floor, is used for the display of very large specimens, such as iron ores, coal, fossil trees, etc.; a relief map of the southern Appalachian region is hung on the wall. On the floor above is the main exhibition hall, unsurpassed in the South; glass cases between the windows, along the walls, and ranged



in the middle, are filled with specimens of special interest or educational value, illustrating geology, palæontology, zoology and archæology. The gallery above forms a third floor, where are stored the Aldrich collection of shells and the Mohr Herbarium.

The general collections of the museum are so large that only a few of the more important can be mentioned; they are stored in drawers under the cases, in the museum laboratories, and the basement. They include:—

#### GEOLOGY

1. The collections of the Geological Survey, accumulated mainly since 1873. Exclusive of duplicate there are at least 100,000 specimens of fossils, many thousand samples of rocks, ores, minerals, etc. With these have been incorporated the remains of the old Tuomey collection (largely lost during the years following the Civil War), the Schowalter and Mohr collections of fossils, many donations and specimens received in exchange; additions are coming in almost every day.

The work of arranging, labeling and cataloguing is going on constantly, and great progress has been made, especially during the past four years.

2. The collection of Tertiary fossils given by Mr. T. H. Aldrich. For many years Mr. Aldrich has taken an active interest in this branch of the museum, making large donations to it, as well as identifying species collected by the Survey. His gift of nearly 200,000 specimens, in 1912, placed the museum in the first rank, so far as this group is concerned; and in September, 1913, he gave at least as many more. Only two or three of the great northern museums have so full and fine a set.

3. The Lommel collection of 1,000 specimens of European rocks and fossils.

4. The Schowalter collection of minerals, with large additions from other sources.

5. An educational series of rocks given by the United States Geological Survey and a large collection from the Lake Superior region received from the same source.

6. A large series of Tertiary vertebrate fossils from the phosphate beds of South Carolina, and a fine collection of sulphur formations from Sicily, both given by Mrs. David Roberts.

## ZOOLOGY

1. The Aldrich collection of recent shells. This magnificent series, the gift of Mr. T. H. Aldrich, includes about 20,000 species, represented by not less than 100,000 specimens from all parts of the world.

Mr. Aldrich had already given his entire set of duplicate shells, at least 200,000 specimens, of 5,000 species. These include many rare forms represented by fine specimens and they will be of great value for exchanges.

2. The Schowalter collection of land and fresh water shells, over 100,000 specimens, principally from Alabama. About 25,000 additional specimens have recently been added by the Curator.

3. The Avery collection of Alabama birds, about 900 specimens.

4. Collections of reptiles and batrachia, principally brought together by the Curator, at least 500 specimens.

5. A collection of fishes of Mobile Bay, made by the late Dr. Charles Mohr.

6. Collections of insects and other arthropods, probably 5,000 specimens.

7. Collections of marine invertebrates (Corals, Echinoderms, etc.) from various sources.

## BOTANY

1. The state herbarium, embracing specimens of every species of flowering plant and fern known to be indigenous to or naturalized in Alabama, about 2,500 species. These were brought together by Dr. E. A. Smith and the late Dr. Charles Mohr, who presented their collections to the Geological Survey in 1873. Subsequently many additions were made by Dr. Mohr, who also gave his collection of the Cryptogams of Alabama, about 2,500 species.

2. A forestry collection, including 125 species of trees, illustrated by mounted specimens of the leaves, flowers and fruits and specimens of the woods cut in book form; also, a series of manuscript maps of the state showing the distribution of the most important timber trees. These collections were made for the Geological Survey by Dr. Charles Mohr, in connection with his report on the plant life of Alabama.

3. The Peters collection of cryptogamic plants, donated by Judge T. M. Peters. Besides his own large gatherings of Alabama species it includes Fascicles 1-5 of Ravenel's *Fungi Caroliniani exsiccati*, 500 species, and Fascicles 1-5 of Tuckerman's *Lichenes Amer. Sept.* 150 species. All these are mounted in bound volumes.

4. A collection of ferns from Colombia, South America, about 150 species, given by Herbert H. Smith.

#### ARCHEOLOGY

A large series of stone implements and weapons, pottery, burial-pots and covers, etc., from various Alabama localities. Most of these were donated by Dr. E. A. Smith, Dr. Wyman, Mr. E. N. C. Snow and others.

It is proposed to arrange one or two special cases in which the specimens will illustrate class lectures in the same building; they will be changed from day to day to correspond with the various subjects. Such exhibits cannot fail to have great educational value, and the plan will be carried out as soon as possible.

Students are specially invited to the museum and the director and curator do everything in their power to awaken and foster a love of nature study. The results have been evident and gratifying. The museum also seeks to extend its educational influence through all parts of the state. Its work for the Alabama schools is well known and it is hoped that this can be supplemented by periodical visits, illustrated lectures, etc. Many teachers and pupils correspond regularly with the curator and some of them are already enthusiastic naturalists.

For equipment in the school of medicine, see page 133.

#### GEOLOGICAL SURVEY OF THE STATE

The present survey has been in progress since 1873, under the direction of Dr. Eugene A. Smith. The office and chemical laboratory of the survey are at the University, and the collections made by the state geologist are by law deposited in the University museum.

The field work of the survey is carried on during the summer and autumn months by the state geologist and assistants.

All specimens sent to the state geologist for examination will be carefully tested as to quality and value in the survey laboratory, and reported on without charge.

Thirty-seven reports have been published by the survey since 1873. These reports, so far as they are now available,

except that on the Warrior basin, which is sold for \$1.00, will be sent to any one desiring them on receipt of the stamps necessary for the postage, and a descriptive list will be sent on application to the state geologist.

#### GEOLOGICAL SURVEY LABORATORY

This laboratory occupies four rooms in the south wing of Smith Hall and has just been fitted up with dark room, tables, hoods, and other furniture adapted for its purposes. Advanced students of the geological department have access to this laboratory and may avail themselves of the facilities for special work which it affords.



# General Information

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## THE SOCIETY OF THE ALUMNI

Tuesday of commencement week has been designated as Alumni Day. The annual meeting is held at 10 a. m.

### OFFICERS OF THE SOCIETY

D. H. EDINGTON	President
W. H. MITCHELL	First Vice-President
O. G. GRESHAM	Second Vice-President
F. G. STICKNEY	Secretary
W. F. FITTS	Treasurer
S. F. CLABAUGH	Registrar

**The Educational Fund.**—The society, at its meeting in June, 1885, resolved to establish "The Educational Fund," for the assistance of meritorious students in narrow circumstances, who are seeking the benefits of a thorough education at the University. It is the purpose of the society to lend the fund to students of either the college of arts and sciences or the college of engineering, who may need pecuniary assistance during their residence at the University. A considerable amount has already been contributed to this fund. The management of the fund is confided to a board of trust, appointed annually by the society. The board of trust for the present year is composed of W. F. Fitts, W. S. Wyman, and George H. Denny. Former students of the University and all other friends of education are respectfully invited to contribute to this fund.

The committee to lend the educational fund are President George H. Denny and W. F. Fitts, treasurer of the fund.

### LITERARY SOCIETIES

The Philomathic Literary Society has a commodious and well furnished room, set apart for its use, on the second floor of Barnard Hall. It is the oldest literary society at the University. At its regular meetings, held once a week, there are debates, discussions, and literary exercises, which afford excellent opportunity for cultivating proficiency in debate and

public speaking, and for the study of questions of the day. This society strives to enroll, each year, students who are interested in literary work.

The Shackelford Literary Club, organized in 1912, aims to develop in its members an interest in the discussion of a wide range of topics, to encourage extensive reading and to afford practice in public speaking. Its meetings are held weekly.

The Attic, a literary club holding its charter from the intercollegiate organization, Sigma Upsilon, is now in its second year of successful work. Its members are chosen from the junior and senior classes by free competition. Meetings are held weekly.

The Literesque. During the current year The Attic organized The Literesque, a similar, but entirely independent, club confined to the sophomore class.

#### PHI BETA KAPPA SOCIETY

At a meeting of the General Council of Phi Beta Kappa in the summer of 1913, final action was taken to re-establish at the University the Alpha chapter of Alabama. The original charter of this chapter dates back to the year 1851, but for over half a century there had been no organization and the charter had lapsed. With the aid of three surviving members of the original chapter, and the co-operation of members of the faculty from other chapters, a re-organization was effected in 1914, and henceforth students at the University of Alabama will be eligible for admission to the local chapter.

#### DEBATING

The debating interests of the University are under the control of the University Debating Council, a body elected by the students and comprising three members of the faculty, three students from the college of arts and sciences, and three students from the school of law. The debating council has established the Forum, to which all students are admitted and which aims to encourage frequent public debates on questions of live interest. Debating relations have recently been established by the council between Alabama and Vanderbilt University, and also between Alabama and the University of Kentucky.

## CLUBS

### GLEE CLUB

For several years a glee club organization has been successfully maintained at the University. It is in charge of Mr. Tom Garner. The club provides for its members training in vocal music, and at the same time, by means of its concerts throughout the state, is developing a healthy college spirit among students and alumni. The privilege of traveling with the glee club is subject to the same regulations as the privilege of membership on athletic teams.

### UNIVERSITY BAND

In the spring of 1914 a university band of wind instruments was organized among the students. Its primary purpose is to furnish music at athletic games, but during the session it has played at several special engagements away from the University. At present it numbers about sixteen players, under the direction of a member of the faculty; other players will be taken on if qualified. There is prospect of a resident teacher of wind and orchestral instruments at the University during the coming session, so that students who desire to take lessons may have the opportunity to do so.

### DRAMATIC CLUB

The dramatic club of the University of Alabama, known as The Blackfriars, and named after the famous Elizabethan playhouse, was organized during the session of 1907-08. Meetings are held monthly. The privilege of traveling with the club is subject to the same regulations as the privilege of membership on athletic teams.

### THE EDUCATION CLUB

The education club, organized two years ago under the auspices of the school of education, holds bi-weekly meetings. The programs consist of discussions of live educational problems, together with addresses by prominent educators invited by the club. At the close of each meeting refreshments are served while the members mingle freely in a social way. The purposes of the club are (1) to get better acquainted with the educational conditions and needs of the state, (2) to discuss plans by which these conditions may be improved, and (3) to develop a feeling of fellowship and mutual helpfulness among those who intend to teach.

## ENGINEERS' CLUB

The engineers' club is a thriving organization, whose aim is to promote the interests of the students of the college of engineering.

## RELIGIOUS INSTRUCTION

Religious exercises are held daily in the Y. M. C. A. hall. All students are invited to be present.

All students are expected to attend some church in Tuscaloosa on Sunday morning. A large majority of the students are regular attendants at some Sunday school in the city. At the beginning of the session each city pastor is furnished with a list of those who express preference for his church. These pastors have every facility and encouragement in looking after the young men and young women who belong to their congregations.

## THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Weekly prayer meetings and other religious exercises are held by the Young Men's Christian Association of the University, which all students are invited to attend. This association exercises a very beneficial influence upon the moral and religious character of the students, and receives hearty encouragement from the authorities. A large room in Barnard Hall has been set aside and attractively furnished for the exclusive use of the association. The association is maintaining two courses of Bible study, and two courses devoted to the problems connected with home and foreign missions.

## THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION

It is the purpose of the Young Women's Christian Association to deepen the spiritual life of every individual girl in college, to give them pleasure, inspiration, and a breadth of view which the fellowship of such an organization affords. To this end religious meetings are held once a week in the parlor of the dormitory for women, courses in Bible study and mission study are offered, and local missionary work is carried on by some of the girls. The foreign missionary spirit is furthered in both associations by the Student Volunteer Band.

To increase the efficiency of the local association and to keep it in touch with the national work, it is visited each year by both local and national secretaries, and delegates are sent to the various conferences held under the auspices of the association.



## PUBLICATIONS

### THE CRIMSON-WHITE

The Crimson-White is a weekly paper published by the students of the University. An editor-in-chief, eight associate editors, and a business manager are appointed by the faculty each year from the student body. The editor-in-chief is held responsible for all that appears in its columns. The Crimson-White publishes all the University news, and is of great interest to the students and alumni. The subscription price for one session is \$1.00.

### THE COROLLA

The Corolla is an annual publication issued by the students of the University. It is a handsomely bound, finely illustrated book of about two hundred and seventy pages. The students, the members of the faculty, and the alumni of the University are contributors to the Corolla. The first publication of the Corolla was in June, 1893, and Volume XXIV will be published in May of the present session. It is a highly creditable annual, and its publication should be encouraged by the alumni and friends of the University. The subscription price is \$2.75.

### THE AURORA

The Alabama Aurora is a new annual publication issued by the students of the University. It consists of a calendar containing scenes of the University and pictures of the leading student organizations. An editor-in-chief, a business manager, and six associates are appointed each year by the president of the University. The subscription price is \$1.00.

## UNIVERSITY ASSEMBLY

A general assembly, subject to the call of the president, is held from time to time throughout the session in the auditorium of Morgan Hall. All students of the University are required to attend. The exercises consist of addresses by members of the faculty, members of the student body, or especially invited guests.

## LECTURE COURSE

The trustees of the University make provision for a course of lectures, to supplement the work of the several departments. These lectures are open to all officers and students of the University.

## EXTENSION LECTURES

DEAN C. H. BARNWELL:

Tennyson.

PROFESSOR LEE BIDGOOD:

The Evolving Social Ideal.

PROFESSOR M. C. BURKE:

The Attic Drama.

PROFESSOR R. F. COOPER:

The Relation of the School to Community Life.

PROFESSOR G. J. DAVIS:

The Ideal City. (Illustrated.)

Sewerage. (Illustrated.)

Water Works. (Illustrated.)

Paving. (Illustrated.)

PRESIDENT GEORGE H. DENNY:

Academic Commercialism.

A Plea for the Classics.

Some Duties for the Educated Man.

Some Public School Problems.

General Lee as a College President.

Memorial Day Address.

PROFESSOR J. J. DOSTER:

An Ideal School System.

Early Educational History of Alabama.

Sources for Alabama School Revenues.

PROFESSOR E. H. FOSTER:

Hamlet, Once More.

The Land and the Legend of Tell.

PROFESSOR J. M. GALLALEE:

The Heating and Ventilating of Residences.

PROFESSOR JOHN Y. GRAHAM:

Public Health. (Illustrated.)

PROFESSOR S. C. HOUSER:

Good Roads.

PROFESSOR H. B. LITCHMAN :

Mining Investments and Their Abuse.  
From Coal and Iron to Steel.  
The Mining and Preparation of Coal.

PROFESSOR S. J. LLOYD :

Radium and Its Significance. (Illustrated.)

PROFESSOR F. D. LOSEY :

The Growth of Social Ideals.

PROFESSOR J. P. MONTGOMERY :

The Yellowstone National Park. (Illustrated.)  
Community Enforcement of Pure Food Legislation.

PROFESSOR T. C. MCCORVEY :

The War Poetry of the South.  
Thomas Jefferson and His Political Philosophy.  
The Invisible Empire.  
The Study of History in School and College.  
Raphael Semmes and the Confederate Navy.

PROFESSOR W. F. PROUTY :

Some of Alabama's Most Important Mineral Resources.  
Atmosphere: Its Movement and Work.  
A Brief Story of Our Earth. (Illustrated.)

PROFESSOR W. B. SAFFOLD :

Pompeii. (Illustrated.)  
Rome, Past and Present. (Illustrated.)

PROFESSOR H. A. SAYRE :

Famous Problems in Elementary Geometry.  
Mathematical Instruction in France.

PROFESSOR F. G. STICKNEY :

Edgar A. Poe; His Life and His Work.

PROFESSOR J. S. THOMAS :

Education for Efficient Living.  
Vocational Training in High Schools.  
Consolidation of Rural Schools. (Illustrated.)

PROFESSOR G. WITTIG :

Electric Lighting. (Illustrated.)  
The Story of the Dynamo. (Illustrated.)

## TEACHERS' REGISTER

In connection with the courses in education, a teachers' register has been opened. Any student or graduate of the University who wishes to secure a position as a teacher may register and receive gratis the benefits of the assistance of the school of education in securing a position. Registration should be made with Professor Doster or in the office of the president of the University.

It is the conviction of the committee on recommendation of teachers that all students who are preparing to teach should satisfactorily complete certain prescribed courses in the school of education (see school of education, page 78). However, students who have not taken any of these prescribed courses in education may be recommended as to character, personality, and academic attainments, but in all such cases statements will be made to the effect that they have made no professional preparation for the work of teaching.

## YOUNG WOMEN

Young women are admitted to all the privileges of the University. To provide for those coming from a distance, there has been erected a modern dormitory, a description of which is given on page 16.

Before a room is reserved at the dormitory a deposit of \$4.00 must be made by each applicant. The applicant will be credited by this amount on the first term dues.

Rooms for study during the day are provided at the University.

## RULES GOVERNING WOMEN

1. Women are permitted to receive men callers only on Friday nights, Sunday afternoons, and Sunday nights. At no time are men callers to be entertained later than 10:45 p. m.
2. Loitering with young men at the approaches to the dormitory is at all times forbidden.
3. Boating and automobile or carriage riding are forbidden.
4. Women are not permitted to walk with men in remote or secluded places.
5. Night attendance at theatres, picture shows, dances, concerts, receptions, or other forms of entertainment, is allowed only on special permission from the dean of women.
6. Women are not allowed to take meals at hotels, boarding houses, or restaurants, without a chaperone; and then only after special permission has been secured from the dean of women.



7. Women shall not leave town, or be absent at night from the building in which they live, without special permission from the dean of women.

8. All women students boarding in private families are required to observe the foregoing rules.

9. Any violation of these rules will be considered an act of insubordination, for which the penalty of immediate dismissal from the University may be exacted.

### RESERVATION OF ROOMS

Before a place in any of the dormitories is reserved, a deposit of \$4.00 must be made by each applicant. The applicant will be credited by this amount on the first term dues. Reservations are made in order of application, beginning May 20. Present occupants of rooms may reserve the places they occupy on May 18 and 19.

### CHANGE OF ROOMS

Students who wish to move from some other lodging place into a dormitory room, or from one dormitory room into another, must in every case secure written permission from the bursar-registrar. A fine of \$3.00 is imposed upon any student who fails to comply with this regulation.

### THE PHYSICIAN

An experienced physician, Dr. Mayfield, is engaged at the University to look after the health of the students and the sanitation of the premises. He visits the University at least once each day. There is no additional charge for medical attendance, no matter how long a student may be ill.

### THE HOSPITAL

Students who become seriously ill are sent to the Tuscaloosa Infirmary. Here they receive the best care and attention.

### THE GYMNASIUM

The University gymnasium was established in 1889. It is in charge of Mr. Noojin, director of athletics, who examines each student at his entrance, takes his physical measurements, and prescribes such exercise as may be required for his complete and symmetrical bodily development.

All freshmen and sophomores in the college of arts and sciences are required to spend two hours a week in the gymna-

sium. Irregular and special students are ranked with the class in which they have the greatest number of studies. It is the purpose of the instructor to offer to each student such advice as will give increased health, strength, and bodily vigor. Special attention is given to those who fall below the normal in harmonious bodily development. A splendid athletic field adjoins the gymnasium, with ample ground for all outdoor sports, such as tennis, baseball, football, basketball, etc. A running track, one-third of a mile in length, surrounds the field.

### ATHLETICS

Athletics are encouraged for the reason that when properly regulated they tend to promote both the physical and the moral well-being of the students and to foster a wholesome college spirit. In order, however, to prevent the possibility of a student's devoting himself to athletics to the serious neglect of his college work, the faculty has adopted the following regulations:

1. Any student of the University who has satisfied the full entrance requirements to the freshman class, or who has had a year's residence at the University, during which time he has done satisfactory work according to Rule 2, shall be eligible to play on any athletic team representing the University.

2. No student who has failed or has been conditioned in more than 40% of his work, estimated in hours, on the last examination shall be eligible for any athletic team until he has removed such excess of conditions or failures. Conditions may be removed either by taking the work over in class, or by examination at any one of the regular examination periods. Failure may be removed only by taking the work over in class.

3. Students who are eligible for any athletic team at the beginning of a season shall be eligible for such team during the entire season.

**Campus Tax.**—For the support of athletics a special tax of \$7.50, known as the campus tax, has been authorized by the board of trustees. This tax is payable at the office of the registrar in two equal installments (\$3.75 each), the first at the beginning of the session in September, and the second at the beginning of the third fiscal term in March. The payment of this tax entitles the student to free admission to all intercollegiate athletic contests which are played on the campus, and in which the University team is one of the contestants.

## THE UNIVERSITY SUPPLY STORE

Several years ago the University granted to the athletic association a concession authorizing it to operate on the campus, for the benefit of athletics, a general supply store and drayage line.

The experience of the few years during which this store has been in existence has shown that it is of vital importance to athletics, and it should therefore have the support of the student body. The franchise of the store, which is in effect an exclusive license, in order to be of any value must be protected. It is therefore required that any one who desires to conduct, on the University campus, any form of mercantile activity, including the soliciting of orders for books, or any other business enterprise, such as drayage, etc., covered by the concession to the athletic association, shall first secure the permission of the president of the University.

The store is under the control of the faculty committee on athletics. Students and others interested are invited to bring before this committee all complaints against the management, together with suggestions as to improving conditions and increasing the efficiency of the service.

## DIVISIONS OF THE YEAR

The college year begins in 1915-16 on Wednesday, September 8, and ends on Wednesday, May 31. It is divided into two equal parts, the first half-year extending to January 26, and the second half-year to commencement.

The fiscal year is divided into three terms of twelve weeks each. The first term begins this session on Wednesday, September 8, and ends on Tuesday, November 30. The second term begins on Wednesday, December 1, and ends on Tuesday, March 7. The third term begins on Wednesday, March 8, and ends on Wednesday, May 31, commencement day. All University fees except laboratory fees are payable at the beginning of each term. Laboratory fees are payable at the beginning of each half-year.

The foregoing paragraphs do not apply to the school of medicine at Mobile.

## CHRISTMAS VACATION

The Christmas vacation begins on Wednesday, December 22, at 1 o'clock p. m., and ends on Monday evening, January 3. During that period University exercises are suspended. The time covered by the vacation is not a part of the regular session

of thirty-six weeks, and is not included in the estimate of expenses. Therefore, students who remain at the University during the vacation incur an additional living expense.

No student who is absent from the last recitation in any course preceding the Christmas vacation is admitted to the mid-year examination in that course, unless he submits a valid excuse for such absence.

### **REGISTRATION AFTER CHRISTMAS VACATION**

On the first day after the Christmas vacation every student is required to register at the office of the registrar between the hours of 8 a. m. and 4 p. m. Any student who fails to register at this time will have his name dropped from the rolls of his classes until further orders from the president or the dean. Such student may, however, be registered and restored to his position in his classes on payment of a special registration fee of \$3.00.

### **DISCIPLINE**

The discipline of the University is vested in the president and the faculty. Rules are few, simple, and reasonable. The honor system prevails, and so long as students do the work required and conduct themselves in a becoming manner, they are free to come and go at will. The end aimed at is self-government.

A student who wishes to be absent from the University at any time except during holidays must secure permission from either the president or the dean.

### **FACULTY ADVISERS**

Students are assigned in suitable number to the members of the faculty for special oversight. The adviser thus appointed is the professor to whom the student has special freedom of access for consultation, help, or guidance.

### **EXAMINATIONS AND REPORTS**

Final examinations, limited to three hours each, are held at the close of each half-year, the first in the latter part of January, the second in the latter part of May. In addition to these final examinations, preliminary hour tests are held in October, December, and March. No other previously announced examinations or tests are permitted in any course.

Each examination is conducted by the professor who is



giving the course. At the close of each examination period, the registrar sends to parents or guardians reports showing the standing of students in the courses pursued.

Students who are absent from more than one-third of the total number of recitations are denied the privilege of final examination, and are required to take the course over in class. Students taking work over in class are held responsible for all preliminary tests and examinations. No student is admitted to the final examination in any course until he has taken all the preliminary tests in that course.

### RECORDS AND GRADES

The final grades of each student are recorded and preserved. In determining these final grades, the grades received in daily recitations, written work, laboratory work, and hour tests are combined with those received on final examinations.

Grades are indicated by letters, which have value, on a scale of 100, as follows: A, 90-100; B, 80-90; C, 70-80; D, 60-70; E, 50-60; F, 0-50; I, Incomplete.

The passing grade for freshmen and sophomores is D; for juniors and seniors, C; for graduates, B.

### CONDITIONS AND FAILURES

For juniors and seniors, D is a condition and E a failure. For freshmen and sophomores, E is a condition and F a failure. A condition made on the mid-year examination may, at the discretion of the instructor, be automatically removed by an A or B made on the final examination, provided the final examination covers in large measure the entire year's work in that course. Conditions may also be removed by re-examination, provided such re-examination is taken within one half-year after the condition has been made. The only times at which re-examinations for the removal of conditions, or for any other purpose, are given are the first week after the opening of the University in September, the periods of mid-year and final examinations, and the last Friday and Saturday in February. At the February examination no student is permitted to attempt the removal of more than two conditions. In no case is a student allowed more than one re-examination in any one subject, failing in which he must take the work over another year.

Failures may be removed only by taking the work over in class. A passing mark on the second half-year's work in any course, however, changes a failure on the first half-year's work

in that course to a condition, which condition may be removed by re-examination.

Grade I (Incomplete) automatically becomes F (Failure) unless removed within one half-year.

### RULES GOVERNING ABSENCE FROM CLASS

1. By vote of the faculty, the only excuses for absence from class which will be accepted are:

(a) Sickness.

(b) In especially urgent cases, written permission from the president or the dean.

2. The effect of unexcused absences is to lower the half-year grade, which is discounted in the ratio of the number of unexcused absences to the total number of class meetings scheduled. Thus, three unexcused absences from a class scheduled to meet fifty times during the half-year reduces a grade from 80 to 72, that is, ten per cent.

3. The University authorities insist on regularity in attendance on classes as a matter of discipline, apart from its effect on the student's grades. A student who absents himself from any class more than three times during a half-year without valid excuse is immediately placed on probation, and his parents are notified that another such report from any of his professors, relative to absences subsequent to the date of the original report, will result in his suspension from the University.

### HONORS AND APPOINTMENTS

**Fellowships.**—Fellowships are awarded each year in the following departments or groups of departments: English, Latin, and Greek; modern languages, history, economics, and philosophy and education; mathematics, physics, and engineering; geology, chemistry and biology. These fellowships may be divided equally among the several groups, or more than one fellowship may be awarded in a single group, at the discretion of the president. The value of each fellowship is \$200.00.

Appointments to fellowships are made by the president, preference being given to graduates of the University who stand highest in scholarship, deportment and general excellence. Each fellow is required to pursue advanced studies in the department in which he holds a fellowship. He is also expected to give whatever assistance in University work the pres-

ident and faculty may require of him. The time devoted to this work will in no case exceed twelve hours a week.

**Honors.**—Special honors are conferred upon all students in regular courses who receive A in more than half of their work and B in the remainder. The names of these students are printed in the commencement program, and in the catalogue of the following year.

**Commencement Speakers.**—Of the candidates for college degrees not fewer than three, and not more than seven, are selected to deliver orations during commencement week. In the selection of the speakers, regard is had for both class standing and proficiency in oratory.

**The Trustees Prize.**—For the best oration delivered by a member of the senior class during commencement week, the trustees award a prize of \$25 in money, or a medal, at the option of the winner.

**Junior Contest in Oratory.**—Near the close of the third term is held a contest in oratory, consisting of the delivery of original orations by the seven members of the junior class who have the highest standing in oratory.

**The Tennant Lomax Prize.**—The late Tennant Lomax made provision in his will for an annual prize in oratory, to be known as "The Tennant Lomax Prize for Oratory," in memory of his father, Tennant Lomax. The value of this prize is about \$20. By vote of the faculty it is for the present awarded for the best oration delivered by a member of the junior class at their annual contest.

**Freshman Contest in Declamation.**—Near the middle of the third term is held a contest in declamation by a selected number of members of the freshman class.

**The Thomas Medal.**—In 1902-03, Mr. C. E. Thomas, an alumnus of the University, established an annual prize, consisting of a gold medal valued at \$15, to be given to the best speaker in the freshman class. In 1912-13, Mr. Thomas offered a second gold medal, valued at \$10, to be given annually to the second best speaker. These medals are awarded to the successful contestants in the freshman declamation contest.

**The Bryan Prize.**—In the spring of 1898, the Honorable William J. Bryan donated to the University the sum of two hundred and fifty dollars for the purpose of providing "an annual prize for the best essay on some subject relating to the science of government." This sum provides a prize of \$15 in value, which is awarded under the following rules:

I.—This prize is offered for the best essay upon any subject bearing upon the science of government, to be submitted to the president on or before the 15th day of May, the length of the essay not to be fewer than 1,000 nor more than 2,000 words, the words to be accurately counted by the author and endorsed upon the back of the essay. But no essay will be received upon which a prize has already been won.

II.—All students of the University may compete for the prize, but no award will be made unless there are as many as three contestants.

III.—The essays submitted shall be considered the property of the University under the control of the president.

IV.—Each essay shall be signed in cipher—not the writer's name. Each contestant shall file with the president a statement signed with his full name and cipher declaring that the essay is original in the usual acceptance of the term, and appending a list of authorities from which material was drawn.

V.—A committee of three, appointed by the president, shall decide upon the merits of the essays submitted.

VI.—The prize shall be a medal or money, as the winner may elect.

**The Weatherly Prize.**—In 1906, Mr. James Weatherly, a member of the class of 1879, donated to the University the sum of two hundred and fifty dollars for the purpose of providing an annual prize for the best essay on "Ethical Standards as Applied to Every-Day Life." This sum provides a prize of \$15 in value, which is presented on commencement day to the student submitting the best original essay, as determined by a special committee of award. The contest for this prize is governed by the rules for the Bryan prize, excepting the provision in regard to the subject of the essay.

**The Eugene Lewis Brown Prize.**—The Rev. Wyatt Brown, recently of Mobile, has agreed to establish, subject to the approval of the trustees, an annual prize of \$25.00 for the best essay on some subject relating to sociology. This prize is given in honor of his father, the late Eugene L. Brown, Esq. It is open to law students and to seniors and graduates in arts and sciences.

**The Monnish Prize.**—Through the generosity of Mr. F. W. Monnish, a native of Frankfort-on-the-Main, but now a resident of Tuscaloosa, Alabama, an annual prize of twenty dollars has been established for the encouragement of the study of the German language and literature. The prize was offered last session for the best translation, at sight, of a passage of English prose into German.

**The James Harris Fitts Scholarship.**—Mr. James Harris Fitts, a graduate of the class of 1849, gave to the Univer-



sity in 1903 the sum of five thousand dollars for the establishment of a scholarship. The income of the fund, amounting at present to three hundred and fifty dollars annually, is paid to not more than two students in the undergraduate department under the following rules fixed by the faculty in accordance with the terms of the gift:

- (a) The recipient must be under twenty-three years of age.
- (b) He must be, or propose to become, a teacher by profession in the state of Alabama.
- (c) He must be able to enter the junior class in the college of arts and sciences.
- (d) The scholarship can be awarded not more than two years to the same person.
- (e) The scholarship is to be awarded annually by the faculty upon the recommendation of the president of the University, the dean of the college of arts and sciences, and the professor of philosophy and education, after a competitive examination, either oral or written. This scholarship is open to men and women on equal terms. Applications should be made in writing to the president.

By direction of the trustees of the University, this scholarship is known as the *James Harris Fitts Scholarship*.

**The Alabama Federation Loan Scholarship.**—In 1906 the Alabama Federation of Women's Clubs established at the University a loan scholarship of the value of two hundred dollars a year. The conditions governing the award of this scholarship are as follows:

- (a) The beneficiary shall be a young woman resident in Alabama, between the ages of 18 and 24 years, prepared to enter the junior class of the college of arts and sciences.
- (b) The scholarship shall be awarded only after competitive examination, and may be held by the beneficiary for two consecutive sessions. Application should be made to the president of the University. The appointment is made by the Federation Loan Scholarship Committee and the president of the University.
- (c) The beneficiary must maintain the required standard in scholarship, attendance, and conduct. Failing in any of these requirements, she may be replaced by another beneficiary appointed in the same manner.
- (d) The amount of the scholarship shall be paid in three installments—\$66.66 at the beginning of each fiscal term.

- (e) Should the beneficiary withdraw from the University before the close of the session she shall return at once to the scholarship fund the rebates to which she is entitled under the rules of the University.
- (f) Repayment of this loan shall be made to the treasurer of the University at the rate of one hundred dollars a year without interest, the first payment becoming due the first year after graduation or resignation.
- (g) The beneficiary shall signify her perfect understanding of these terms by signing a paper of agreement to be presented to her by the president of the University when she receives her first payment.
- (h) A report of the progress of the beneficiary shall be sent to the chairman of the scholarship committee twice each year after the mid-year and final examinations.

### The United Daughters of the Confederacy Scholarship.

—Beginning with the session of 1908-09 the Alabama division of the United Daughters of the Confederacy established a scholarship of the value of one hundred dollars to be awarded annually by a committee of the division. This scholarship is usable at the option of the holder either at the University of Alabama or at the Alabama Polytechnic Institute. The scholarship is available only to descendants of Confederate veterans.

## GENERAL EXPENSES

University fees for the whole session of thirty-six weeks are as follows:—

### FOR MEN

#### IN COLLEGE OF ARTS AND SCIENCES, AND COLLEGE OF ENGINEERING

	Men Boarding in Dormi- tories	Men Boarding out of Dor- mitories	Men Whose Homes are in Tuscaloosa
Room rent, fuel, lights, water, and at- tendance -----	\$36 00	\$-----	\$-----
Registration fee -----	9 00	9 00	9 00
Incidental -----	3 00	3 00	3 00
Library -----	3 00	3 00	3 00
Gymnasium -----	3 00	3 00	3 00
Medical attention -----	6 00	6 00	(Opt.)
 Total -----	 \$60 00	 \$24 00	 \$18 00
Amount each term -----	20 00	8 00	6 00

## IN SCHOOL OF LAW

	Men Boarding in Dormi- tories	Men Boarding out of Dor- mitories	Men Whose Homes are in Tuscaloosa
Room rent, fuel, lights, water, and at- tendance -----	\$36 00	\$-----	\$-----
Library -----	3 00	3 00	3 00
Incidental -----	3 00	3 00	3 00
Gymnasium -----	3 00	3 00	3 00
Medical attention -----	6 00	6 00	(Opt.)
Tuition -----	75 00	75 00	75 00
Total -----	\$126 00	\$90 00	\$84 00
Amount each term -----	42 00	30 00	28 00

## FOR WOMEN

	Women Boarding in Dormitory	Women Boarding Out of Dormitory
Board, furnished room, fuel, lights, water, and at- tendance -----	\$162 00	\$-----
Registration fee -----	9 00	9 00
Incidental -----	3 00	3 00
Library -----	3 00	3 00
*Medical attention -----	6 00	6 00
Total -----	\$183 00	\$21 00
Amount each term -----	61 00	7 00

\*This fee is not required of women whose homes are in Tuscaloosa.

For the convenience of students, the session is divided into three fiscal terms of twelve weeks each, and one-third of these charges is payable at the beginning of each term. Those students whose homes are in Tuscaloosa are not required to pay the medical fee, but may do so if they desire the services of the physician.

Students who room in the dormitories and take meals elsewhere are charged \$4.00 each scholastic month for room rent. In the assignment of rooms preference is given to students in the college of arts and sciences, and the college of engineering, and especially to those who take meals in the University dining room.

Tuition in the college of arts and sciences and the college of engineering is free to all students who are residents of Alabama; students from other states pay \$20.00 a session. Tuition

in the law school is \$75.00 a session, one-third of which is payable at the beginning of each fiscal term.

The itemized statement of expenses given above includes furniture for rooms in the dormitories for women, but not in the dormitories for men. Men students who room in the dormitories, therefore, must provide their own furniture. Ordinarily the student moving into a dormitory room purchases, through a selling agent, the furniture used by the former occupant of the room, thus reducing the cost to a very low figure. All students, both men and women, must procure for themselves the necessary bed covering, towels, etc.

Students must also provide themselves with text-books and stationery. These are estimated to cost, in the college of arts and sciences, from \$10.00 to \$15.00 a year; in the college of engineering, from \$15.00 to \$20.00 a year; in the school of law, from \$50.00 to \$60.00 a year. Of other expenses no general estimate can be made, the amount depending for the most part on the student's individual tastes and habits.

Special charges will be assessed against students who willfully or carelessly damage the property of the University.

### OTHER FEES

In the department of biology, the fee is \$4.50 a half-year for each course taken. In the department of chemistry, the fees each half-year are: \$3.00 in courses 6, 7, 11, 13 and 16; \$4.50 in courses 1, 2 and 8; \$6.00 in course 12; and \$7.50 in courses 3 and 4. A deposit of \$5.00 to cover cost of breakage, etc., is required of each student on entering the chemical laboratory. The unexpended balance of this fee is returned at the end of the session. In the department of geology, the fees are: \$3.00 a half-year for courses 1, 4, 5 and 6; \$4.00 a half-year for courses 2 and 3. In the department of physics, the fee is \$4.50 a half-year.

In the college of engineering, the fee is \$4.50 a half-year for freshmen, sophomores, and special students, including students in the college of arts and sciences who take any of the laboratory, field or drawing courses. For juniors and seniors the fee is \$7.50 a half-year. Any person doing special work in any of the engineering laboratories will be charged, in addition to the regular fee of \$4.50 a half-year, a sum equal to the cost of the materials consumed.

Laboratory or department fees are payable on or before the first day of each half-year.

A fee of \$5.00 to cover expense of graduation, diploma, etc., is charged each person taking a degree at the University.



This fee must be paid to the bursar-registrar at least ten days before commencement. The amount will be refunded should the degree not be conferred.

*All University dues must be paid on or before the first day of each term. Students who are delinquent in the payment of their dues are required to pay a special fee of \$5.00, in addition to the regular dues, before they are allowed to attend recitations or otherwise to receive instruction. The president is required to cause the withdrawal of any student who fails to make payment after written notice or request.*

*No fees are refunded for any cause within the limits of one term, except in the case of laboratory fees, and then only on special recommendation of the dean. There is also no reduction in the amount of any fee on account of late matriculation, except in the case of room rent.*

### TABLE BOARD

The University does not on its own account provide meals for students. The students who room in the dormitories have organized an association for the purpose of providing meals upon a co-operative plan. This association serves meals at \$12.00 a college month, which amounts to \$108.00 for the session of thirty-six weeks. Of this amount, one-third, \$36.00, must be paid by each member to the treasurer of the association at the beginning of each fiscal term.

The association enforces the same regulations relative to deductions and rebates for meals which the University has fixed for room rent and law tuition, except that no rebate will be allowed in case of suspension for violation of the rules of the association.

Students who do not room in the dormitories may secure table board in the University dining-room at \$12.00 a month. Board may also be obtained in private families at from \$16.00 to \$25.00 a month.

# College of Arts and Sciences

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D.,  
President.

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Dean.

## FACULTY

THOMAS C. McCORVEY, A. M., LL. D.,  
Professor of History and Political Economy.

JOHN Y. GRAHAM, Ph. D.,  
Professor of Biology.

WILLIAM B. SAFFOLD, Ph. D.,  
Professor of Latin.

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics.

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Professor of English.

GEORGE G. BROWNELL, Ph. D.,  
Professor of Romance Languages.

EDWIN H. FOSTER, A. M.,  
Professor of German.

FREDERICK D. LOSEY, A. M.,  
Professor of Rhetoric and Public Speaking.

JAMES J. DOSTER, A. M.,  
Professor of Philosophy and Education.

GUSTAV WITTIG, E. E.,  
Professor of Physics and Electrical Engineering.

STEWART J. LLOYD, Ph. D.,  
Professor of Chemistry and Metallurgy.

ROBERT F. COOPER, Ph. D.,  
Peabody Professor of Education.

WILLIAM F. PROUTY, Ph. D.,  
Professor of Geology.

JAMES S. THOMAS, A. M.,  
Professor of Secondary Education.

LEE BIDGOOD, A. M.  
Professor of Economics.

MALCOLM C. BURKE, Ph. D.,  
Associate Professor of Greek and Latin

FREDERICK G. STICKNEY, A. M.,  
Adjunct Professor of English.

JACK P. MONTGOMERY, Ph. D.,  
Adjunct Professor of Chemistry.

FITZHUGH L. CARMICHAEL, A. B.,  
Assistant Professor of Mathematics.

FRANK SHORT, M. E.,  
Instructor in Physics.

RICHARD E. JONES, A. B.,  
Instructor in French.

ROY M. THIGPEN,  
Instructor in Biology.

JESSE H. JACKSON, A. B.,  
Fellow and Assistant in English.

THOMAS J. LESLIE, B. S.,  
Fellow and Assistant in Mathematics.

CHARLES A. LONG, M. E.,  
Fellow and Assistant in Gymnasium.

CALVIN POOLE, A. B.,  
Assistant in English.

PATRICK H. CARMICHAEL,  
Assistant in Chemistry.

FRED A. LEWIS,  
Assistant in Mathematics.

ANDREW A. COFFIN,  
Assistant in Physics.

FRED A. LUQUEER,  
Assistant in Biology.

WALTER F. OAKLEY, Jr.,  
Assistant in History.

LOWNDES D. MORTON,  
Assistant in Gymnasium.

## METHODS OF ADMISSION

There are three methods of gaining admission to the freshman class:

### 1—*By certificate from affiliated schools.*

Those public and private schools in Alabama that are giving adequate instruction in the subjects required for admission to the freshman class are recognized by the University as affiliated schools. Graduation from these schools, when officially certified in the subjects mentioned below, permits admission to the freshman class without examination in all subjects so certified. For the list of affiliated schools, see last pages of catalogue.

An applicant from one of these affiliated schools who cannot present a certificate of graduation will not be admitted, even though he has secured credit for the full fourteen units required, unless the principal of the school shall recommend his admission. Without such recommendation he will be required to secure, by examination at the University, additional credits to the amount of at least two units in fourth year high school subjects.

Graduation from a high school in another state entitles the applicant to the same credit he would receive at his own state university.

### 2—*By certificate and by examination.*

An applicant from a non-affiliated school who presents a satisfactory certificate covering the work required for admission to the freshman class will be excused from a part of the entrance examinations, provided in the opinion of the committee on admission the principal of the school is a man of approved scholarship and ability as a teacher. In such cases, however, entrance examinations will be required in the following subjects: Rhetoric and English classics, algebra and geometry, any one year's course in history; and, for admission to the A B course, Latin.

A teachers' first grade certificate entitles an applicant to five and one-half units' credit, as follows: Algebra, one unit; plane geometry, one unit; rhetoric, composition, and literature, two units; United States history, one unit; physics, one-half unit.

### 3—*By examination.*

An applicant who presents no satisfactory certificate will be required to pass examinations on the full fourteen units required for admission. The regular examinations for admission will be held at the University, Monday and Tuesday, Sep-



tember 6 and 7, beginning at 9 a. m. Special examinations for admission may be held at any time during the first six weeks of the session, but students are urged to enter promptly at the beginning of the college year.

### REQUIREMENTS FOR ADMISSION

For admission to the freshman class a student should be at least fifteen years of age. For admission to a higher class he should have a proportionate advancement in age. If he comes from a chartered university or college, he must bring a certificate of honorable discharge. All applications for admission are referred to the faculty committee on admission.

The scholastic requirement for admission is fourteen units of high school work. *"A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work."* This standard of measurement *"takes the four-year high school as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week."*

In no case will an applicant be granted more than four units for any one year's work in a high school; or more than fourteen units, that is, unconditioned admission, for a certificate of graduation from a high school.

### REQUIRED SUBJECTS

Of the fourteen units required for admission, the following are prescribed:

For the A. B. course:

English	3 units
Mathematics	3 units
Latin	*3 units

For the B. S. course:

English	3 units
Mathematics	3 units

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\*Four units are required for admission to Latin 1. Applicants who present only three units in Latin must take Latin A, as well as Latin 1 and 2. In such case, if the applicant has presented fourteen entrance units, the three additional hours in Latin are counted as part of the sixty hours required for graduation.

## ELECTIVE SUBJECTS

To make up the total of fourteen units the applicant may offer any of the following subjects:

Advanced English -----	1 unit
Trigonometry -----	$\frac{1}{2}$ unit
History -----	1 to 3 units
Latin -----	1 to 4 units
Greek -----	1 to 2 units
French -----	1 to 2 units
German -----	1 to 2 units

## Sciences:

Botany -----	$\frac{1}{2}$ to 1 unit
Chemistry -----	1 unit
Geography (Physical) -----	$\frac{1}{2}$ to 1 unit
Physics -----	1 unit
Physiology -----	$\frac{1}{2}$ unit
Zoology -----	$\frac{1}{2}$ to 1 unit

## Vocational Subjects:

Agriculture -----	1 to 2 units
Drawing -----	$\frac{1}{2}$ to 1 unit
Geography (Commercial) -----	$\frac{1}{2}$ unit
Manual Training -----	1 to 2 units

The maximum amount of credit in the above list will be granted only for extended courses in which modern methods of instruction have been followed. This involves, in most of the sciences, laboratory experiments and the use of note books.

## DESCRIPTION OF SUBJECTS

## ENGLISH

1. Composition and rhetoric, (one unit).
2. English classics and history of English literature, (two units).

Two lists of books will be found below, one for study and practice in class, the other for reading out of class. Those in the first list are to be studied with care. The examination will presuppose a thorough knowledge of their form and substance, and a familiarity with the chief facts in the lives of their authors. The books in list two, on the other hand, the student is not expected to study, but simply to read as he reads other books. In this part of the examination, therefore, knowledge of subject-matter will be considered as far less important than ability to write good English.

## LIST ONE

*For Study and Practice in Class*

For 1915, 1916.

Shakspere's *Macbeth*; Milton's *Minor Poems*; either Burke's *Speech on Conciliation*, or Washington's *Farewell Address* and Webster's *Bunker Hill Oration*; either Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

## LIST TWO

*For Reading Out of Class*

For 1915, 1916.

Group I. (Two to be selected.)

The *Old Testament* (Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, and Esther); *The Odyssey* (Omit Books 1, 2, 3, 4, 5, 15, 16, 17); *The Iliad* (Omit Books 11, 13, 14, 15, 17, 21); Vergil's *Aeneid*. For any one of the four units of this group a unit from any other group may be substituted. The *Odyssey*, the *Iliad*, and the *Aeneid* should be read in English translations of literary excellence.

Group II. (Two to be selected.)

Shakspere's *Merchant of Venice*, *Midsummer Night's Dream*, *As You Like It*, *Twelfth Night*, *Henry the Fifth*, *Julius Caesar*.

Group III. (Two to be selected.)

Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*, or *Quentin Durward*; Hawthorne's *House of the Seven Gables*; Dickens's *David Copperfield*, or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

Group IV. (Two to be selected.)

Bunyan's *Pilgrim's Progress*, Part 1; Addison's *Sir Roger de Coverley Papers*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essays on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; Lincoln's two *Inaugurals*, *Speeches in Independence Hall and at Gettysburg*, *Last Public Address*, *Letter to Horace Greeley*; Parkman's *Oregon Trail*; Stevenson's *Inland Voyage and Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*.

Group V. (Two to be selected.)

Palgrave's *Golden Treasury* (First Series), Books II and III; Gray's *Elegy in a Country Churchyard*, and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, *Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book IV; Poe's *Raven*; Longfellow's *Courtship of Miles Standish*; Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome*; Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Select Poems*.

## MATHEMATICS

1. High school algebra, (one and one-half units).
2. Plane geometry, (one unit).
3. Solid geometry, (half unit).

Sufficient preparation can be obtained from any thorough high school course in each of these subjects.

## HISTORY

1. Ancient history, (one unit).
2. Mediæval and modern history, (one unit).
3. English history, (one unit).
4. History of United States and civil government, (one unit).

Sufficient preparation can be obtained from a careful study of any good high school histories.

## LATIN

1. Grammar, composition, translation of easy passages, (one unit).
2. Cæsar, any four books of the Gallic War, (one unit).
3. Cicero, six orations, (one unit).
4. Vergil, Aeneid, six books, (one unit).

Equivalents selected from Cæsar (Civil War) and Nepos (Lives); Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid); and Ovid (Metamorphoses, Fasti, and Tristia) may be offered in place of 2, 3 and 4.

The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

For the benefit of students that are not fully prepared, a preparatory course (Latin A) is offered as part of the regular work of the University.

## GREEK

Four books of Xenophon's Anabasis (or equivalent), with accompanying work in grammar and simple prose composition, (two units).

At present many candidates for admission to this subject have studied no Greek whatever. For the reason a beginners'



course (Greek A) is offered as part of the regular freshman work in the bachelor of arts course.

#### FRENCH

Elementary grammar, composition, and not less than two hundred pages of easy reading, (two units).

At present many candidates for admission to this course have studied no French whatever. For this reason a beginners' course (French A) is offered as part of the regular work of the University.

#### GERMAN

Elementary grammar, composition, and not less than one hundred pages of easy reading, (two units).

At present a beginners' course (German A) is offered as in French.

#### SCIENCE

The entrance requirements in botany, chemistry, physical geography, physics, physiology, and zoology include such knowledge of the subjects as may be obtained from systematic study of any good modern text-books. In the case of chemistry and physics, such class-room instruction should in all cases be accompanied by laboratory experiments and the use of note books. For a full unit's credit in a science the course must extend throughout a nine months' session.

#### VOCATIONAL SUBJECTS

Credit for high school work in agriculture, mechanical drawing, commercial geography, and manual training will be given in all cases where the applicant's certificate indicates that the course has been a thorough and systematic one, under competent instruction.

#### CONDITIONED STUDENTS

A student who cannot present the full number of units may be admitted conditionally, but no student will be admitted who is conditioned on more than 2 units. All conditioned students, therefore, must present at least 12 units. Of these, 3 must be in English, 2 in Mathematics; and, in the bachelor of arts course, 3 in Latin.

Entrance conditions may be removed either by private study and examination by the University authorities, by attendance on the summer school, or by pursuing the "A" courses

offered during the regular session of the University. Next session such courses will be offered in Latin, Greek, French, German, and solid geometry. All entrance conditions should be removed by the beginning of the sophomore year.

A student who is admitted without entrance conditions may have conditions in course. For instance, if an applicant has never received credit for solid geometry, he is conditioned in that course, even though he has presented the full entrance requirement of 14 units.

#### SPECIAL STUDENTS

Applicants at least twenty years old who desire to pursue courses at the University may be admitted without formal examination, provided they give evidence of adequate preparation for the courses sought. In all such cases, the applicant must at least satisfy the full entrance requirements in the department he wishes to enter.

#### ADVANCED STANDING

A candidate for admission to advanced standing, who comes from an approved institution of collegiate rank, may receive credit, without examination, for work done at such institution. Graduates of the normal schools at Florence, Jacksonville, Livingston, and Troy; of the Alabama Girls Technical Institute; of Marion Institute; of Highland Home College, St. Bernard College, and Spring Hill College, may also be admitted to advanced standing. All applicants will be required, however, to present, or to have had accepted elsewhere, the same entrance subjects as are demanded of the students entering the University of Alabama without advanced credit; and to cover, or to have covered, all the prescribed subjects in the course leading to the desired degree at the University of Alabama. The committee on instruction will determine the amount of credit that the applicant may receive on receipt of satisfactory credentials.

No degree is granted by the University to any student who has not spent at least one year in resident work.

#### REQUIREMENTS FOR GRADUATION

In order to receive the degree of bachelor of arts or of bachelor of science, a student must satisfy the following requirements:

1. He must complete 60 hours of class work.

(a) No credit for any of this work may be secured by examination alone; regular attendance on classes at the University is essential.

(b) Members of the graduating class must pass in all the hours of their senior course, whether or not such hours are needed to make up the required total of 60 hours.

2. He must receive credit for two hours a week in the gymnasium during his freshman year and two hours a week during his sophomore year.

The courses from which the candidate for a degree must make his selection are divided into seven groups, as follows:

GROUPS	DEPARTMENTS
I. English	English language and literature, and public speaking.
II. Ancient language	Greek language and literature. Latin language and literature.
III. Modern language	French language and literature. German language and literature. Spanish language and literature.
IV. Mathematics	Mathematics.
V. History and economics	History, economics, and political science.
VI. Philosophy and education	Philosophy and education.
VII. Natural science	Biology, chemistry, and metallurgy, geology and mineralogy, physics and astronomy.

## FOR THE DEGREE OF BACHELOR OF ARTS

### MAJOR COURSE

Before graduation the student must complete a major course of not fewer than twelve hours in one group, nine of which must be in the same department. Notice of the major group chosen must be filed with the dean at the beginning of the junior year.

### COURSES FROM OTHER GROUPS

The work required for graduation not included in the major course is to be chosen subject to the following restrictions:—

1. Six hours must be chosen from each of groups I, II, III, V.

(a) A student who has credit for two years of high school French or German is not required to take more than

three hours in group III, but such exemption does not excuse him from the requirement of a total of sixty college hours.

(b) The six hours chosen from group II and the six from group III must in each case be in one department.

(c) Six hours in each of the two departments in group II may be chosen instead of six hours in II and six in III.

2. Three hours must be chosen from group IV.

3. Eight hours must be chosen from group VII.

4. Not more than eight hours may be elected from one group at one time.

5. Not more than two foreign languages may be taken in the freshman or the sophomore year.

6. No course may be counted towards a degree which substantially duplicates work for which credit has already been granted, either in the University or in the preparatory school.

## FOR THE DEGREE OF BACHELOR OF SCIENCE

### MAJOR COURSE

Before graduation the student must complete a major course of not fewer than twelve hours in one group, nine of which must be in the same department. Notice of the major group chosen must be filed with the dean at the beginning of the junior year.

### COURSES FROM OTHER GROUPS

The work required for graduation not included in the major course is to be chosen subject to the following restrictions:—

1. Six hours must be chosen from each of groups I, III, V.

(a) A student who has credit for two years of high school French or German is not required to take more than three hours in group III, but such exemption does not excuse him from the requirement of a total of sixty college hours.

(b) The six hours chosen from group III must be in one department.

2. Five hours must be chosen from group IV.

3. Sixteen hours must be chosen from group VII, four of which must be in an advanced course.

4. Not more than eight hours may be elected from one group at one time.



5. No course may be counted towards a degree which substantially duplicates work for which credit has already been granted, either in the University or in the preparatory school.

#### RESPONSIBILITY

The individual student will be held responsible for the election of his course in conformity with the preceding regulations.

#### CHANGES IN COURSES OF STUDY

No changes in courses of study will be permitted after the end of the second week of either half-year, except for special cause and with the specific consent of the dean.

#### AMOUNT OF WORK TO BE CARRIED AT ONE TIME

All students, whether regular or special, are required to carry not fewer than fifteen nor more than eighteen hours of work. Exceptions to this requirement will be made only on special recommendation of the committee on instruction.

The faculty strongly urges students to confine themselves to the average number of fifteen hours of class work, and thus devote four full years to the completion of their undergraduate course. Experience has shown that the attempt to crowd the work of the four years into three results in serious loss in the quality of the work accomplished.

#### COLLEGE CREDIT FOR PROFESSIONAL COURSES

For work in the school of law.

Seniors in the college of arts and sciences may count towards the bachelor of arts degree ten hours from the course of study in the school of law.

#### COURSES OPEN TO FRESHMEN

Astronomy 1, 2 hours.  
Biology 1, 4 hours.  
Chemistry 1, 4 hours.  
Drawing, 3 hours.  
English 1, 3 hours.  
French A, 3 hours.  
French 1, 3 hours.  
Geology 1, 3 hours.  
Geology 2, 4 hours.  
German A, 3 hours.  
German 1, 3 hours.  
Greek A, 4 hours.  
Greek 1, 3 hours.

History 1, 3 hours.  
Latin A, 3 hours.  
Latin 1, 3 hours.  
Mathematics A, 3 hours.  
Mathematics 1, 3 hours.  
Mathematics 2, 3 hours.  
Physics 1, 4 hours.  
Political Science, 1, 3 hours.  
Political Science 3, 3 hours.  
Public Speaking 1, 1 hour.  
Spanish A, 3 hours.  
Spanish 1, 3 hours.  
Surveying, 2 hours.

**COURSES OPEN TO UPPER CLASSMEN**

All courses offered in the college of arts and sciences are open to upper classmen, provided they have in each case received credit for the necessary pre-requisite work. In addition to these courses, upper classmen may also elect two engineering subjects, descriptive geometry and mechanics.

# Courses of Study

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## DEPARTMENT OF BIOLOGY

PROFESSOR GRAHAM

INSTRUCTOR THIGPEN

ASSISTANT LUQUEER

1. **General Biology.**—An introduction to the study of the structure and functions of organism. By an examination of typical forms, first the simplest and then the more complex, a foundation is laid for a discussion of the fundamental principles of evolution, heredity, and genetics. Four hours, first half-year. Recitations or lectures, Tu. 9, Th. 9; laboratory exercises, section a, M. 2-4, W. 2-4; section b, Tu. 2-4, Th. 2-4; section c, W. 11-1, F. 11-1. Professor Graham, Mr. Thigpen, and Mr. Luqueer.

2. **Botany.**—A study of representatives of the principal groups of plants and of the fundamental principles of plant life, relationship, and evolution. Four hours, second half-year. Hours as for course 1. Professor Graham, Mr. Thigpen, and Mr. Luqueer.

3. **Zoology.**—A study of the structure, habits, life histories, and economic significance of selected types. Course 1 a prerequisite. Four hours, first half-year. Recitations or lectures, W. 9, F. 9; laboratory exercises, M. 8-11, F. 2-4. Professor Graham and Mr. Thigpen.

4. **Botany.**—A study of the ecology and physiology of plants. Course 2 a prerequisite. Four hours, second half-year. Hours as for course 3. Professor Graham.

5. **Advanced Zoology and Histological Methods.**—Hours to be arranged. Professor Graham.

Note.—For above courses a laboratory fee of \$4.50 each half-year is required.

6. **Methods of Teaching Biology in the High Schools.**—Elective for seniors in the school of education. One hour, first half-year. M. 12. Professor Graham.

## DEPARTMENT OF CHEMISTRY AND METALLURGY

PROFESSOR LLOYD

ADJUNCT PROFESSOR MONTGOMERY

MR. CARMICHAEL

1. **General Chemistry.**—Required of all engineering students and elective for all others. Four hours (three lectures and one laboratory period.) M., W., F. 10; M., or Tu., or W. 2-4. Professor Montgomery and Mr. Carmichael.

2. **Advanced Inorganic Chemistry**, including qualitative analysis and inorganic preparations. Required of sophomores in chemical engineering, of juniors in mining and highway engineering, and elective for those who have completed course 1. Four hours (one lecture and three laboratory periods.) Tu. 11; Tu., Th., F. 2-4. Professor Lloyd.

3. **Quantitative Analysis.**—Required of students in chemical and mining engineering, and elective for those who have completed course 2. Three laboratory periods. Tu., Th., F. 2-4. Professor Lloyd.

4. **Organic Chemistry.**—Required of juniors in chemical engineering, and elective for those who have completed course 1. Four hours (two lectures and a double laboratory period.) Tu., Th. 12; S. 8-12. Professor Montgomery.

5. **Technical Chemistry.**—A discussion of materials and processes employed in chemical industries; evaporators, filter-presses; transference of corroding materials; design of stills, etc. Required of seniors in chemical engineering. Two lectures. Professor Lloyd.

6. **General Metallurgy.**—Elective for all who have completed course 3. Two lectures and one laboratory period. Professor Lloyd.

7. **Metallurgy and Metallography of Iron and Steel.**—Elective for all who have completed course 3. Three hours (two lectures and one laboratory period), first half-year. Tu., Th. 12; M. 2-4. Professor Lloyd.

8. **Assaying.**—Fire assay of gold, silver, and platinum, with quantitative examination of metallurgical products. One double laboratory period, second half-year. S. 9-1. Professor Lloyd.

9. **An Advanced Course for B. S. Graduates** who are candidates for the master's degree, and for others who may



desire it. The work will be varied to suit the needs of the particular students who may elect it, and may include a thesis. Professor Lloyd and Professor Montgomery.

**10. Methods of Teaching Chemistry in the High School.**—Open to seniors in the school of education. One hour. Professor Montgomery.

**11. Physical Chemistry.**—Required of seniors in chemical engineering, and elective for those who have completed course 2. Three hours (two lectures and one laboratory period), first half-year. Professor Lloyd.

**12. Special Methods of Analysis.**—Two laboratory periods. Hours to be arranged. Professor Lloyd and Professor Montgomery.

**13. Electrochemistry.**—Required of seniors in chemical engineering, and elective for those who have completed course 2. Three hours (two lectures and one laboratory period), second half-year. Professor Lloyd.

**14. Technical Reports.**—Elective for chemical engineering students in the fifth year. One hour. Professor Lloyd.

**15. Agricultural Chemistry.**—Elective for those who have completed courses 1, 2, and 4. Two lectures a week, second half-year. M., W. 12. Professor Montgomery.

**16. Sanitary Water Analysis, Chemical and Bacteriological.**—The work will closely follow the standard methods of the American Public Health Association. Elective for those who have completed courses 1, 2, and 3. Two laboratory periods, second half-year. Professor Montgomery.

**Note.**—Courses 1, 2, 3 and 4 are given each year, other courses as required.

The chemical library is supplied with the more important of the current journals, and students are encouraged and expected to use them freely.

**Fees.**—The fees each half-year are: \$3.00 in courses 6, 7, 11, 13, and 16; \$4.50 in courses 1, 2, and 8; \$6.00 in course 12; and \$7.50 in courses 3 and 4. A deposit of \$5.00, which, less cost of breakage, etc., will be returned at the end of the year, is made by each student on entering the laboratory. The fees are payable at the beginning of each half-year.

## DEPARTMENT OF ECONOMICS

PROFESSOR BIDGOOD

1. **The Elements of Economics.**—Offers a general survey of the elementary principles of economic theory and brief glimpses of each of the chief branches of applied economics. In each half-year one such branch is selected to receive a somewhat more extended treatment; thus in 1914-15 about one month of the first half-year was devoted to money and banking and about a month of the second half-year to labor problems. Instruction chiefly by text-book, supplemented where necessary by lectures and library readings, with oral recitations. Frequent brief written quizzes, and one written exercise or report each week. Open to sophomores, juniors and seniors. Three hours. Credit given only for a full year. Tu. 9, Th. 9, S. 9.

2. **Economic History of the United States.**—Deals with the successive stages of economic life illustrated in the development of the United States. Instruction by text-book, library readings and oral recitations. Economics 1 (or its equivalent) must either be completed before entering on this course, or be prosecuted simultaneously with it. First half-year, three hours. Tu. 10, Th. 10, S. 10. (*Given in 1914-15. Not given in 1915-16.*)

3. **American Tariff History.**—Treats the general character of the colonial and state tariffs, and the important steps in national tariff legislation from 1789 to 1913. Chief attention is given to the influence, in each stage of industrial evolution, of underlying economic conditions upon legislation. Instruction by lectures, assigned readings including extracts from the sources, oral recitations and written reports. Each student must provide himself with two of the books found most useful. Economics 1 or its equivalent a prerequisite. Second half-year, three hours. Tu. 10, Th. 10, S. 10.

4. **Corporation Finance.**—The main topics are: essentials of corporate organization, promotion, securities and their marketing, income accounting and management, consolidation and reorganization. Instruction by text-book, lectures, library readings and journals, with oral recitations and frequent written exercises or reports, including one extended paper. Economics 1 or its equivalent a prerequisite. First half-year, three hours. M. 9, W. 9, F. 9.

5. **Trusts.**—Embraces a brief treatment of the theory of monopoly; an historical summary of the successive forms of monopolistic combination found in the United States, with

examples of each form; and a more detailed study of the organization, methods, position and economic effects of the principal trusts of today. Instruction by text and case-books, lectures, library readings drawn in large part from the reports of the United States Bureau of Corporations, oral recitations and written reports. Economics 1 or its equivalent a prerequisite. Second half-year, three hours. M. 9, W. 9, F. 9.

6. **Public Finance.**—Covers the elements of taxation and public expenditures. Instruction chiefly by text-book and library readings. Economics 1 or its equivalent a prerequisite. First half-year, three hours. Tu. 10, Th. 10, S. 10. (*To be given in 1915-16.*)

## DEPARTMENT OF ENGLISH

PROFESSOR BARNWELL

PROFESSOR LOSEY

ADJUNCT PROFESSOR STICKNEY

MR. JACKSON

1. **English Composition.**—Parallel work in advanced rhetoric and the reading of specimens of prose discourse. Recitations, weekly essays, conferences. Three hours. Section a: M. 9, W. 9, F. 9; section b: M. 10, W. 10, F. 10; section c: Tu. 11, Th. 11, S. 11. Required of all freshmen. Professors Barnwell, Losey, Stickney, Mr. Jackson.

2. **Advanced English Composition.**—Study of the forms of prose discourse, lectures, themes, and conferences. Open only to students who have shown proficiency in English composition. Number limited to 18. Two hours. Tu. 8, Th. 8. Professor Stickney.

3. **Chaucer.**—A study of selections from The Canterbury Tales. First half-year, two hours. Tu. 9, Th. 9. Professor Barnwell. (*Not given in 1915-16.*)

4. **Shakspeare.**—A critical study of five or six plays. May be elected for two successive years. No credit for less than a full year. Plays read in 1915-16 will include Macbeth and Lear. Three hours. Tu. 12, Th. 12, S. 12. Professor Losey.

5. **The English Drama.**—From the miracle plays to the closing of the theatres. Lectures, rapid reading and reports. Open only to those who have taken or are taking course 4. No credit for less than a full year. Two hours. M. 9, W. 9. Professor Losey. (*Not given in 1915-16.*)

6. **Milton.**—A critical study of selections from the poetry of Milton, with special attention to *Paradise Lost*. Second half-year, two hours. Tu. 9, Th. 9. Professor Barnwell.

7. **English Poetry During the Nineteenth Century.**—Recitations, lectures, parallel reading. Three hours. M. 9, W. 9, F. 9. Professor Barnwell.

8. **The English Essay.**—Recitations, parallel reading, lectures, written reports, and conferences. First half-year, three hours. M. 8, W. 8, F. 8. Professor Stickney.

9. **The Short Story.**—Recitations, parallel reading, lectures, written reports, and conferences. Second half-year, three hours. M. 8, W. 8, F. 8. Professor Stickney.

10. **Anglo-Saxon and Middle English.**—Primarily for graduates. Two hours. Professor Barnwell. (*Not given in 1915-16.*)

11. **American Literature.**—Special attention to the literature of New England and of the South. Recitations, parallel reading, written reports. First half-year, two hours. Tu. 9, Th. 9. Professor Barnwell.

12. **Methods of Teaching High School English.**—Lectures, discussion, practice work. Elective for seniors in school of education. One hour. Professor Barnwell.

## Public Speaking

PROFESSOR LOSEY

**Public Speaking 1**—Declamations and original speeches. Stress laid on clearness of utterance and directness of address. Elective for freshmen. Prerequisite to the course in public speaking 2. No credit for less than a full year. One hour. Section a: M. 12; section b: S. 8; section c: S. 10.

**Public Speaking 2**—Declamations, orations, and extemporaneous speeches. No credit for less than a full year. Two hours. W. 10, F. 10.

**Public Speaking 3**—Argumentation. Forensics and classroom debates. Text-book and lectures. Class limited to 18. Course not offered to fewer than 12. No credit for less than a full year. Two hours. Tu. 9, Th. 9.

**Public Speaking 4**—Interpretative and dramatic reading. Open only to those who evidence marked ability in expression. Credit given only for a full year. Two hours. M. 9, W. 9.



## DEPARTMENT OF GEOLOGY AND MINERALOGY

PROFESSOR SMITH

PROFESSOR PROUTY

1. **Mineralogy.**—A study of the occurrence, characteristics and uses of the more important minerals, together with the determination of the species by the use of their physical properties and their blow-pipe reactions. Required of chemical and mining engineers, and elective for all other students. Three hours. Lecture, Th. 9; laboratory, W. 2-4, F. 2-4.

2. **General Geology.**—A general study of the history of the earth and its inhabitants and the dominant processes in earth modification. In this course frequent reference will be made to the geology of Alabama. The course is given in two parts, A and B.

A. Dynamical and structural geology during the first half-year.

B. Historical geology during the second half-year. During the year a number of field trips to near-by places of interest will be substituted for the regular laboratory periods. Part B required of chemical and mining engineers. Open as an elective to sophomores, juniors and seniors. Four hours. Lectures, M. 10, W. 10, F. 10; laboratory, M.2-4, Tu. 2-4.

3. **Engineering Geology.**—A practical course in the study of the rocks, the chief economic products of the earth and the more important dynamic processes. Required of chemical, civil, highway and mining engineers, and open as an elective to other students who have had or are taking general chemistry. Three hours. Lectures, Tu. 10, Th. 10; laboratory, F. 10-12.

4. **Structural Geology and Geological Mapping.**—Designed to meet the practical needs of the mining engineer and the geologist in the interpretation of structural problems, the tracing and mapping of concealed strata and in making prospects. A number of field excursions will be substituted for laboratory periods. Required of mining engineering students. Open as an elective to others who have had geology 3 or part A of geology 2. (*Not given in 1915-16.*)

5. **Petrography or Microscopic Petrology.**—The student is taught to recognize the different minerals and rocks by use of thin sections under the microscope. The first part of the course will take up the optics of polarized light as applied to the determination of minerals. Open as an elective to students who have had geology 1 and 3. (*Not given in 1915-16.*)

6. **Geography: Physical and Economic**—In this course the relation of man to his natural environment is emphasized. An elective course. Three hours. M. 11, W. 11, Th. 2-4.

7. **A Special Course for Advanced Students**.—The work to be arranged according to the need of the particular student.

The fees in the department of geology are \$3.00 a half-year for courses 1, 4, 5 and 6; \$4.00 a half-year for courses 2 and 3.

## DEPARTMENT OF GERMAN

PROFESSOR FOSTER

A. **Beginners' Course**.—This course is intended to give the student drill in pronunciation; the elements of grammar and of word formation; translation, both with previous preparation and at sight, of easy dialogue and narrative prose; simple conversational exercises in German, based on selected passages of the texts read; prose composition; paraphrasing; collateral reading; memorizing German poetry; writing in German script from dictation; reading aloud, with due expression, and hearing the language read. Thomas's Practical German Grammar and simple texts. Three hours. Section a: M. 8, W. 8, F. 8; section b: Tu. 8, Th. 8, S. 8.

1. **Intermediate Course**.—This course continues and extends the work of the first year, introducing the student to the great masterpieces of the classic period, and giving a brief survey of German literature. Suitable reading matter will be selected from such books as Freytag's *Die Journalisten*; Goethe's *Hermann und Dorothea*; Heine's *Poems*, *Die Harzreise*; Lessing's *Minna von Barnhelm*; Riehl's *Novellen*; Schiller's *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Balladen*; Uhland's *Poems*; Wildenbruch's *Das edle Blut*. Three hours. Section a: Tu. 11, Th. 11, S. 11; section b: Tu. 10, Th. 10, S. 10.

2. **Advanced Course**.—This course consists of the study of a few representative masterpieces of German literature, followed by the reading of typical German short stories portraying modern life in Germany. Composition and conversation on text; class-room and private reading. Three hours. M. 11, W. 11, F. 11.

3. **Method Course**.—Methods of teaching German in the high schools. This course, designed primarily for students

who intend to teach, presupposes courses A and 1 in the department of German, or their equivalent. It consists mainly of work in reading, with composition and conversation based on text. It deals also with methods and theories of teaching modern foreign languages, with the selection of text-books in German in secondary schools, with the consideration of difficulties in pronunciation, syntax, and idiom, and with problems in historical grammar of importance to the teacher. One hour.

## DEPARTMENT OF GREEK

PROFESSOR BURKE

**A. Study of Forms and Syntax.**—Prose composition. Xenophon, *Anabasis*. Four hours. Tu. 8, Th. 8, F. 11, S. 8.

1. **Review of Forms and Syntax.**—Plato, *Apology* and *Crito*; Herodotus, selections. Three hours. Tu. 12, Th. 12, S. 12.

2. **Advanced Course in Greek Literature**, text to be selected later. Three hours. M. 12, W. 12, F. 12.

Note.—None of the above courses may be counted for half-year credit without special permission.

4. **Public and Private Life of the Greeks.**—Text-book and letters. No knowledge of Greek required. Open to seniors, juniors, and sophomores. Two hours, first half-year. Tu. 10, Th. 10.

## DEPARTMENT OF HISTORY

PROFESSOR MCCORVEY

MR. OAKLEY

1. **History of England.**—While this course gives an outline of the general history of England from the earliest times to the present, special emphasis is placed upon the development of the English constitution. In studying the organization and practical workings of the British government of today, points of resemblance and contrast between it and the government of the United States are examined. Three hours. Section a: Tu. 9, Th. 9, S. 9; section b: M. 11, W. 11, F. 11.

2. **Mediaeval Europe.**—This course begins with the "Teutonic Migration" and traces the history of mediæval institutions to the era of the renaissance. First half-year, three hours. M. 8, W. 8, F. 8.

3. **Europe in the Nineteenth Century.**—This course is prefaced with an outline of the earlier history of modern Europe, stressing the outbreak of the French Revolution, 1789, and giving its causes and results. It then passes on to the Napoleonic era, the resettlement of Europe after the Congress of Vienna, and the unification and nationalization of Italy and Germany. Second half-year, three hours. M. 10, W. 10, F. 10.

4. **American History to the Compromise of 1820.**—While this course reviews the leading facts in our colonial history and the struggle for independence, it specially stresses the making of the constitution and its practical operation in the beginnings of the government. First half-year, three hours. Tu. 11, Th. 11, S. 11.

5. **Political History of the United States from Monroe's Administration Through the Reconstruction Period.**—This course traces the slavery issue from the compromise of 1820 to the war between the states, the events of which will be reviewed, and closes with a brief survey of reconstruction conditions. Second half-year, three hours. Tu. 11, Th. 11, S. 11.

6. **The Teaching of History.**—This course is designed for those students who are preparing themselves for the teacher's profession. It discusses courses of study and text-books in elementary and secondary schools; the use of other materials than text-books; methods of instruction; historical works for the school libraries, etc. Open to seniors in the school of education. One hour. (*This course may not be offered in 1915-16.*)

7. **Civil War and Reconstruction in Alabama.**—This course reviews briefly the period of sectional controversy resulting in the secession of Alabama along with her sister states of the South, and passes on to a study of the military and political events and the social and economic conditions in the state during the war between the states. While the study of the reconstruction period necessarily involves a survey of the whole political field—federal as well as state—special reference will be had to the events and conditions—the men and measures—of that era in Alabama. Open only to those students who have completed history 4 and history 5 with satisfactory grades, or who otherwise satisfy the professor that they are prepared for the work designed in this course. First half-year, three hours. M. 10, W. 10, F. 10. (*This course may not be offered in 1915-16.*)



## DEPARTMENT OF LATIN

PROFESSOR SAFFORD

ASSOCIATE PROFESSOR BURKE

ACTING ASSISTANT PROFESSOR PULLIAM

A. **Sallust, Catiline; Vergil, Aeneid.**—Three hours. Tu. 11, Th. 11, S. 11.

1. **Cicero, De Senectute; Livy, selections; Horace, Odes, books I-III.**—Three hours. Section a: M. 12, W. 12, F. 12; section b: M. 9, W. 9, F. 9.

2a. **Pliny, selected letters; Martial, selections; Plautus, Captives.**—Three hours, first half-year. Tu. 12, Th. 12, S. 12.

2b. **Tibullus and Propertius; Catullus; Tacitus, Agricola.**—Three hours, second half-year. M. 10, W. 10, F. 10.

3. **Advanced Course in Latin Literature.**—Text to be selected later. Two hours.

4. **Advanced Course in Writing Latin.**—One hour, F. 11.

5. **Methods of Teaching High School Latin**—Elective for seniors in the school of education. One hour, first half-year. M. 11.

6. **Public and Private Life of the Romans**—Text-book and lectures. No knowledge of Latin required. Open to seniors, juniors, and sophomores. Two hours, second half-year. Tu. 10, Th. 10.

Courses 1 and 2 are required of all candidates for the A. B. degree.

## DEPARTMENT OF MATHEMATICS

PROFESSOR SAYRE

ASSISTANT PROFESSOR CARMICHAEL

MR. LESLIE

MR. LEWIS

A. **Solid Geometry.**—Three hours, first half-year. Tu. 11, Th. 11, S. 11. Mr. Lewis.

1. **Algebra.**—Three hours, first half-year. Section a: M. 9, W. 9, F. 9. Professor Sayre and Mr. Leslie. Section b: M. 10, W. 10, F. 10. Professor Carmichael and Mr. Leslie.

Eng. 1. **Algebra**.—Five hours, first half-year. M. 8, Tu. 8, W. 8, Th. 8, F. 8. Professor Carmichael.

2. **Trigonometry**.—Three hours, second half-year. Section a: M. 9, W. 9, F. 9. Professor Sayre and Mr. Leslie. Section b: M. 10, W. 10, F. 10. Professor Carmichael and Mr. Leslie.

Eng. 2. **Trigonometry**.—Five hours, second half-year. M. 8, Tu. 8, W. 8, Th. 8, F. 8. Professor Carmichael.

3. **Analytic Geometry**.—Four hours, first half-year. M. 12, W. 12, F. 12, S. 12. Professor Carmichael.

4. **Analytic Geometry, Elements of Calculus**.—Four hours, first half-year; three hours, second half-year. M. 8, W. 8, Th. 8, F. 8. Professor Sayre.

5. **Calculus**.—Four hours. M. 12, W. 12, F. 12, S. 12. Professor Sayre.

6. **Advanced Calculus**.—Three hours. Professor Sayre.

7. **Solid Analytic Geometry, Differential Equations**.—Three hours. Professor Sayre.

8. **The Teaching of Mathematics**.—One hour, first half-year. Professor Sayre.

## DEPARTMENT OF PHYSICS AND ASTRONOMY

PROFESSOR WITTIG

INSTRUCTOR SHORT

MR. JOHNSTON

MR. COFFIN

### Physics

1. **A General Course**, designed primarily to give that familiarity which every educated person ought to have with the physical laws and phenomena that constitute the material basis of modern civilization. Elementary mechanics, heat, sound, light, and electricity, taught by lecture table experiments, recitations, and laboratory experiments performed by the students individually. Special stress is laid on the laboratory work. The class reports in sections on different afternoons and each student receives personal attention. Four hours (three lectures and one laboratory period). Tu. 11, Th. 11, S. 11; M. or Tu. or F. 2-4. Professor Wittig, Instructor Short, Mr. Johnston, Mr. Coffin.

2. **A More Analytical Course**, based on physics 1. Knowledge of mathematics through trigonometry is essential, and previous or concurrent study of analytic geometry desirable. Laboratory work involves the use of instruments of precision. Four hours (three lectures or recitations and one laboratory period). M. 9, W. 9, F. 9; W. or Th. 2-4. Professor Wittig, Instructor Short, Mr. Johnston.

3. **A Conference Course** for the benefit of students in the school of education who expect to teach physics in secondary schools. Open to students who have satisfactorily completed physics 2, provided enough apply to warrant organizing a class. One hour, time to be arranged. Professor Wittig.

4. **A Laboratory Course** in electrical and magnetic measurements. Open to students who have completed physics 2; required of students taking the course in electrical engineering. Two hours (two laboratory periods), first half-year. Tu. 10-12, Th. 10-12. Instructor Short.

5. **Industrial Electricity**. Applications of electricity in the industries, and study of electrical machinery, with laboratory practice. Given in the department of electrical engineering as E. E. 1, 4. Accepted for graduate credit only.

6. **Analytical Mechanics**, given in the department of mechanics as Mech. 1, 4. Accepted for graduate credit only.

7. **Thermodynamics**, pure and applied, given in the department of mechanical engineering as M. E. 7, 12. Accepted for graduate credit only.

The laboratory fee in this department is \$4.50 a half-year.

### **Astronomy**

1. An elementary course, chiefly descriptive, for general information. Interest in the course will be stimulated by frequent stereopticon lectures and by visits to the observatory. Two hours, M. 10, F. 10. Professor Wittig.

## **DEPARTMENT OF POLITICAL SCIENCE**

PROFESSOR MCCORVEY

PROFESSOR BIDGOOD

1. **American Government**.—The aim of this course is to offer a fairly complete survey of the structure and functions of the national, state and local governments, and of the actual workings of the party system. The work is descriptive rather

than theoretical. This course should therefore be followed by course 2, Principles of Political Science. Instruction is chiefly by text-book and library readings, together with some lectures and written reports. Open to all students. First half-year, three hours. M. 12, W. 12, F. 12. Professor Bidgood.

2. **Principles of Political Science.**—This course is a study of the origin, nature, and organization of the state, and it attempts to analyze the various governmental functions in the light of the best scientific thought, and to illustrate the workings of governmental machinery in as practical a way as possible. Second half-year, three hours. Tu. 8, Th. 8, S. 8. Professor McCorvey.

3. **Social Problems.**—This course attempts to afford such an introduction to contemporary American social problems as will prepare the student for a more intelligent and useful citizenship and at the same time serve as a basis for possible future studies in social science or preparation for social work. The topics briefly surveyed from this viewpoint are: population, vital statistics, the immigrant, the mountaineer, the negro, the problems peculiar to the people of the city, small town, and country, the social aspects of public health work and the non-economic classes. No student will be permitted to enter this course who has not passed in political science 1 or in at least the first term of economics 1. Second half-year, three hours. M. 12, W. 12, F. 12. Professor Bidgood.

## DEPARTMENT OF ROMANCE LANGUAGES

PROFESSOR BROWNELL

MR. JONES

### French

A. **Beginners' Course.**—The grammatical elements. Reading of simple texts. Aldrich and Foster's *Elementary French*. Three hours. Section a: M. 8, W. 8, F. 8; section b: Tu. 8, Th. 8, S. 8.

1. **Intermediate Course**—The reading of texts of average difficulty. Prerequisite, French A, or two years of high school French. Three hours. Section a: Tu. 10, Th. 10, S. 10; section b: Tu. 11, Th. 11, S. 11.

2. **Advanced Course.**—Elective, open only to students who have satisfactorily completed French 1. Rapid reading of more difficult French. Three hours. M. 11, W. 11, F. 11.



### Spanish

A. **Beginners' Course.**—Grammatical elements. Reading of simple texts. Coester's *Practical Spanish Grammar*. Three hours. M. 10, W. 10, F. 10.

1. **Intermediate Course.** — A reading course. Pre-requisite, Spanish A. Three hours. M. 9, W. 9, F. 9.

## PHYSICAL EDUCATION

PROFESSOR NOOJIN

This department aims to look after the physical well-being of the students, and to instruct them in matters pertaining to hygiene and health. To this end the following work is offered:

### MEN'S DEPARTMENT

1. **Physical Examinations.**—A physical examination is given each student of the college of arts and sciences upon his entrance to the University. In this examination, besides the tests for muscular strength, an inspection of the whole body is made, and any deformities or functional disorders noted. If the examination shows the student to be in a fair state of health, he is enrolled in the gymnasium classes, and given regular exercises. Delicate students receive advice and individual attention to help correct the faults shown. At the end of the second year each student is again examined and informed of the comparative results.

2. **Physical Instruction.**—In this course the exercises aim to cultivate deep breathing, to correct postural deformities, to aid the student in the correct care of his health, and to educate him in a few simple principles of personal hygiene. The "setting up" exercises of West Point are used in part, and all exercises are supplemented by short talks given as the occasion presents. More advanced students are instructed in boxing, wrestling, and the more common forms of athletics, such as basketball, football, and baseball. This work is given out of doors in pleasant weather. Freshmen: section a: Tu. 10, Th. 10; section b: Tu. 12, Th. 12. Sophomores: section c: M. 10, W. 10; section d: M. 11, W. 11.

3. **Intercollegiate Athletics.**—The University is represented each year by varsity teams in football, baseball, basketball, and track. All students who compete for places on these teams are compelled to pass a rigid physical examination, showing them to be physically able to compete in the sport elected.

An opportunity is offered for tennis, but this is not under supervision. The University maintains five tennis courts, four of which are for use of the men.

Physical work is required of all freshmen and sophomores in the college of arts and sciences, unless excused by the director. The regular classes meet in four sections twice a week. At the discretion of the director this work may be changed for athletics, or other forms of exercise.

#### WOMEN'S DEPARTMENT

Courses for women are not yet outlined, but this work will shortly be under the supervision of the department. Basketball and tennis are very popular sports among the women.

#### GRADUATE STUDY

**Admission.**—Students holding a bachelor's degree from the University of Alabama, or from other institutions of approved rank, are admitted to registration as graduate students.

**Government.**—Graduate work is under the direction of the committee on graduate study. Each graduate student must, before entering upon his work, have his program of courses approved both by the committee and by the professor under whom he elects his major.

**Courses.**—Each student must elect from certain designated and approved courses work to the amount of twelve hours, six hours of which shall be chosen from the list of courses of major rank, shall fall within one department, and shall constitute his major. In case the student does not find open to him courses of major rank aggregating six hours in the department in which he elects to major, he may take as his major any combination of courses of major rank approved by the committee and totaling at least six hours. The remaining six hours may be chosen either from the list of courses of major rank or from those of minor rank and may fall within two or more departments; but at least three hours of his minor must be cognate with his major, and his entire minor must be approved by the department in which he chooses his major. Graduates of colleges of engineering who are candidates for the degree of master of science may elect six hours of their work in the college of engineering, from the list of courses of major rank in that college (see p. 96), provided the courses thus chosen are cognate with their major.

The following courses, to which additions may be made

from time to time upon recommendation of the committee, are approved for graduate study:

Department	Courses of Major Rank	Courses of Minor Rank
Biology -----		*1, *2, 3, 4, 5, 6
Chemistry -----	4, 5, 6, 7, 8, 9, 11, 12, 13,	2, 3
Economics -----	3, 4, 5, 6.	
Education -----	7 & 8, 9 & 10, 2 & 5	Phil. 1, Eth. 1
	Psy. 3	*Psy. 1
English -----	4, 10	3, 6, 7
Geology and Mineralogy	4, 5, 7	*1, *2, 3
Greek -----		2
History -----	7	2, 3, 4
Latin -----		3
Mathematics -----	6, 7	4, 5
Physics and Astronomy	Phys. 4, 5, 6, 7	Phys. 2, *Astr. I

\* Open only on approval of committee and professor concerned.

No graduate student may register in a course for which he has already received academic credit, or which involves prerequisites which he has not satisfied. He may, however, by permission of the committee and his major professor elect a limited amount of work without credit in courses not enumerated above.

**Examinations.**—A graduate student is required to pass all examinations in both his major and his minor at a grade not lower than B (80-90). When pursuing work offered to both graduates and undergraduates he may be required, at the discretion of the professor concerned, to pass an examination on work assigned in excess of that required of undergraduates.

After having passed his final written examinations the student shall be required to submit to an oral examination, to be arranged by the committee on graduate study, covering the essential elements of his major subject.

**Thesis.**—A thesis, evidencing originality of thought, a good command of English, and facility in organizing materials, must be submitted to the committee on graduate study not later than May 1. The subject must be in the hands of the major professor and submitted to the committee for approval not later than December 1. Before the degree is conferred the thesis must be accepted, typewritten according to specifications furnished, and deposited with the University librarian.

**Degrees.**—The degree of master of arts or master of science will be conferred upon students holding the degree of bachelor of arts or bachelor of science, upon the completion of at least one year of resident graduate work in accordance with the above requirements.

# School of Education

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.  
President

JAMES J. DOSTER, A. M.,  
Dean

## FACULTY

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Professor of Education

ROBERT F. COOPER, Ph. D.,  
Peabody Professor of Education

JAMES S. THOMAS, A. M.,  
Professor of Secondary Education

THOMAS C. MCCORVEY, A. M., LL. D.,  
Professor of History

JOHN Y. GRAHAM, Ph. D.,  
Professor of Biology

WILLIAM B. SAFFOLD, Ph. D.,  
Professor of Latin

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Professor of English

EDWIN H. FOSTER, A. M.,  
Professor of German

GUSTAV WITTIG, E. E.,  
Professor of Physics

STEWART J. LLOYD, Ph. D.,  
Professor of Chemistry and Metallurgy

LEE BIDGOOD, A. M.,  
Professor of Economics



## HISTORICAL STATEMENT

The school of education, which has the same rank as the school of medicine and the school of law, and which offers courses leading to professional degrees in education, was organized in 1909 for the purpose of training superintendents of schools, normal school instructors, and teachers and principals of secondary schools. It is an outgrowth of the department of philosophy and education, which was established by the trustees of the University in 1899.

The faculty at present consists of a dean, who is also professor of education, a professor of secondary education, and a professor of education, supported by the income from the Peabody fund, together with various members of the faculty of arts and sciences, who give courses in the teaching of their respective subjects. The professorship of secondary education is maintained by the General Education Board of New York, which contributes \$3,000 annually to its support. The incumbent of this chair devotes the chief part of his time to the work of developing and inspecting high schools throughout the state. The tremendous increase in the number of high schools during the past five years is largely the result of his labors.

In 1912 the Peabody Board of Education gave to the University of Alabama \$40,000 to be used for the erection of a building for the school of education, on condition that \$10,000 be set apart annually by the University for the maintenance of this school. Since, previous to the granting of this gift, accommodations sufficient for the present needs had been provided in Morgan Hall for the school of education, the Peabody Board granted permission for the gift to be used as an endowment for a Peabody professorship of education until more adequate quarters should be demanded.

## AIMS AND PURPOSES

The school of education is organized to meet the needs of the following classes:

1. Mature students whose experience and scholarship justify them in preparing for educational leadership in the state. As part of the required collegiate work such students must complete at least fifteen hours of elective and prescribed work in the school of education, before receiving a degree in education from the University.

2. Students who are preparing to teach in the high schools of the state. Such students may begin their professional preparation at the beginning of their junior year, in

which case they should take certain fundamental courses in education described elsewhere.

3. Students who elect courses in psychology, education, or philosophy, but who are not preparing to teach.

#### REQUIREMENTS FOR ADMISSION

The courses offered in the school of education are open to all students who have satisfied the entrance requirements of the University and who have satisfactorily completed the prescribed work as far as the junior class; and to all others possessing a like attainment of scholarship.

#### DEGREES

On the completion of the work outlined and after satisfying academic requirements, a student may receive from the University the degree of bachelor of arts, or bachelor of science, in education. The M. A. or the M. S. degree may be obtained after one year of further study at the University.

#### PROFESSIONAL LIBRARY

An earnest attempt will be made to build up as complete a professional library as the needs of the school will demand. There is already a nucleus of several hundred carefully selected books bearing on the various lines of philosophy and education, and these will be accessible to all members of the University.

#### EDUCATIONAL MUSEUM

An attempt will be made to gather together at the University as rapidly as possible an educational exhibit in which teachers and others interested may find specimens of old and new text-books for both elementary and secondary schools of foreign countries as well as of our state and nation; school reports; characteristic educational exhibits from all parts of the state; models, drawings and photographs of country, village and city school buildings, such maps and charts as will represent the progress of education in this and other states, and especially all material of any sort relating to the history of education in Alabama. Such a museum can become of great practical service to the teachers of the state and helpfully suggestive to all who are interested in the educational welfare of the state. The University will thankfully receive any gift of such material and strive to use it for the best interests of all concerned.

## COURSES OF STUDY

*Education 1, psychology 1 and 2, and education 2 are fundamental courses. They are prescribed for all candidates for degrees in education, and should be elected by all who are planning to teach. In addition to these fundamental courses candidates for degrees must elect other courses in education amounting to at least six hours, and those wishing a recommendation to teach should take one or more courses in methods of teaching in special subjects. Education 1 and psychology 1 and 2 should be taken in the junior year; education 2 and methods of teaching in special subjects, in the senior year. Students must consult the dean of the school of education before electing additional courses in education.*

## EDUCATION

## 1. History and Principles of Education.

a. **History of Education.**—The attempt will be made in this course to select those representative nations and individuals that have exerted most influence in helping man in his effort to realize his ideals through systems of education, and through a study of these efforts to reach a more rational understanding of the educational demands of today. Open to all juniors. Three hours, first half-year. M. 9, W. 9, F. 9. Professor Doster.

b. **Principles of Education.**—A detailed study of (1) various conceptions of the aims of education, (2) education as a factor in organic and social evolution, (3) the process of education in the individual, (4) educational agencies. Open to all juniors. Three hours, second half-year. M. 9, W. 9, F. 9. Professor Doster.

2. **High School Methods.**—In addition to a careful study of methods of teaching in secondary schools, students will be expected to spend a part of their time in the observation of high school work, and, as soon as opportunity can be secured, to enter upon actual practice in teaching under competent supervision. Open to those who are recommended in scholarship and who have taken the courses in educational psychology and the history of education. Three to five hours throughout the year. Tu. 8, Th. 8, S. 8. Professor Doster.

3. **School Hygiene.**—A careful study of the problems of constructing, lighting, heating, and ventilating public school buildings. The following additional topics will receive critical attention. School desks, eyesight and hearing of school chil-

dren; cleaning and disinfecting school rooms; sanitary toilet systems; play grounds and the significance of play; fatigue and overwork; the hygiene of instruction; general health conditions of children; medical inspection, contagious diseases and the laws relating thereto. Open to juniors and seniors. Three hours, first half-year. M. 8, W. 8, F. 8. Professor Doster.

4. **Social Phases of Education.**—In this course the following topics will be considered: Learning as a social process; education as a social process; the place and function of the school in society; education through social means external to the school. Open to juniors and seniors. Three hours, second half-year. M. 8, W. 8, F. 8. Professor Cooper.

5. **Educational Seminar.**—It will be the aim of this course to direct and assist students to make a more complete study of the educational literature bearing on the subjects they are preparing to teach than can be done in the more general courses offered. In addition each student will be expected to prepare and submit a thesis on some professional phase of the subject he is preparing to teach. Open to qualified seniors. Readings, conferences, and lectures. Two hours, second half-year. Professor Doster and Professor Cooper.

6. **Secondary Education in Alabama.** — A detailed study of the problems confronting the recently organized secondary schools in Alabama. Lectures, reports, and assigned readings. One hour throughout the year. M. 10. Professor Thomas.

7. **School Administration and Supervision.**—A course designed for those who expect to become superintendents or principals of schools. Open to seniors and other qualified students. Two hours, first half-year. Tu. 11, Th. 11, Professor Cooper.

8. **State School Systems.**—A comparative study of the school systems of the various states with special reference to the educational needs of Alabama. Open to seniors. Two hours, second half-year. Tu. 11, Th. 11. Professor Cooper.

9. **Educational Classics.**—A study of the educational writings of Plato, Aristotle, Quintilian, Montaigne, Milton, Locke, Rousseau, Pestalozzi, Herbart, Spencer, Froebel, and Dewey. Open only to seniors and graduates. Three hours, first half-year. M. 12, W. 12, F. 12. Professor Doster.

10. **Philosophy of Education.**—In this course an effort will be made to trace the growth of the underlying philosophic



ideas that have conditioned the various systems of education, ancient and modern. Open only to seniors and graduates. Three hours, second half-year. M. 12, W. 12, F. 12. Professor Doster.

11. **Methods of Teaching Biology in the High Schools.** Open to seniors in the school of education. One hour. Professor Graham.

12. **Methods of Teaching German in the High Schools.** Open to seniors in the school of education. One hour. Professor Lloyd.

13. **Methods of Teaching High School English.**—Lectures, discussions, practice work. Elective to seniors in school of education. One hour. Professor Barnwell.

14. **Methods of Teaching German in the High Schools.**—Open to seniors in the school of education. One hour. Professor Foster.

15. **The Teaching of History.**—This course is designed for those students who are preparing themselves for the teacher's profession. It will discuss courses of study and text-books in elementary and secondary schools; the use of other materials than text-books; methods of instruction; historical works for school libraries, etc. Open only to seniors in the school of education. One hour. Professor McCorvey.

16. **The Teaching of Latin.**—Open only to seniors in the school of education. One hour. Professor Saffold.

17. **The Teaching of Mathematics.**—A course treating of the problems of the teacher of mathematics in the high school. Open to seniors upon the approval of the school of education. One hour. Professor Sayre.

18. **A Course for Those Who May be Looking Towards Teaching Physics.**—Two hours a week for one half-year will be devoted to a study of methods, choice of laboratory exercises, critical review of text-books, the buying and making of apparatus for equipping and maintaining lecture table and laboratory. Open only to seniors in the school of education. Professor Wittig.

## PSYCHOLOGY

1. **General Psychology.**—A course in descriptive and experimental psychology, confined chiefly to those fundamental psychic processes represented in all our thinking and behavior. The course will consist of lectures, text-book work,

and simple experiments. Open to sophomores, juniors, and seniors. Three hours, first half-year. Tu. 10, Th. 10, S. 10. Professor Cooper.

2. **Educational Psychology.**—The purpose of this course is to consider carefully and critically the laws of mental life in their relation to the work of teaching and managing children and young people. Open to those who have had the course in psychology 1 or its equivalent, and who are looking forward to the work of teaching. Lectures and assigned readings. Three hours, second half-year. Tu. 10, Th. 10, S. 10. Professor Cooper.

3. **Genetic Psychology.**—(a) A comparative study of the animal mind with special reference to the development of the mind of the child. (b) A study of the adolescent period. Open to qualified seniors. Two hours. Th. 2-4. Professor Doster.

4. **The Abnormal Child.**—This course will treat of the subnormal and supernormal child. Tests will be given to determine the causes of these deviations and a study will be made of their proper treatment. Special attention will be given to the Binet-Simon Scale for Measuring Intelligence. Open to seniors and graduates. Two hours, first half-year. M. 2, F. 2. Professor Cooper.

## PHILOSOPHY

1. **History of Philosophy.**—The aim of this course is to acquaint the student with the fundamental conceptions of philosophy, and with the repeated efforts made by man to arrive at a conception of the universe and thus to interpret his own life. Beginning with a brief introduction to philosophy the subject is taught in close connection with the history of culture, both ancient and modern, by means of lectures and text-books. Elective to juniors and seniors. Three hours, first half-year. M. 11, W. 11, F. 11. Professor Cooper.

2. **Logic.**—An elementary course in deductive and inductive logic designed to acquaint students with the fundamental laws of thought, and at the same time to aid in the formation of habits of clear thinking and logical expression. Elective to sophomores, juniors, and seniors. Three hours, second half-year. M. 3, W. 3, F. 3. Professor Cooper.

3. **Ethics.**—A brief course in ethics designed to direct the attention of students to the science of the ideal in human life and behavior, and its practical relation to life. Lectures,

reports, and recitations. Elective to juniors and seniors. Three hours, second half-year. M. 11, W. 11, F. 11. Professor Cooper.

### UNIVERSITY SUMMER SCHOOL

Under financial provisions made by special enactment of the legislature of Alabama in 1903, and through the generosity of the Board of Trustees of the University of Alabama, a summer school for teachers is annually conducted at the University of Alabama. This summer school begins each year shortly after the close of the regular session and continues for six weeks.

# College of Engineering

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D.,  
President

GEORGE JACOB DAVIS, Jr., C. E.,  
Dean

## FACULTY

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GEORGE JACOB DAVIS, Jr., C. E.,  
Professor of Civil Engineering

JOHN M. GALLALEE, M. E.,  
Professor of Mechanical Engineering

FRANK SHORT, M. E.,  
Instructor in Physics and Electrical Engineering

JOHN K. WOOLF  
Assistant in Civil Engineering

WILLIAM M. JOHNSTON, B. S.,  
Fellow and Assistant in Electrical Engineering

ANDREW M. MILLER, B. S.,  
Fellow and Assistant in Mechanical Engineering

LEWIS M. SMITH,  
Assistant in Mechanical Engineering



ANDREW A. COFFIN,  
Assistant in Physics and Electrical Engineering

WILLIAM A. HOLT,  
Assistant in Civil Engineering

NEIL NEVILLE  
Assistant in Mining Engineering

OFFICERS OF INSTRUCTION FROM COLLEGE OF  
ARTS AND SCIENCES

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CHARLES H. BARNWELL, A. M., Ph. D.,  
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GEORGE G. BROWNELL, A. M., Ph. D.,  
Professor of Romance Languages

EDWIN H. FOSTER, A. M.,  
Professor of German

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Professor of Economics

FREDERICK G. STICKNEY, A. M.,  
Adjunct Professor of English

JACK P. MONTGOMERY, A. M., Ph. D.,  
Adjunct Professor of Chemistry

F. L. CARMICHAEL,  
Assistant Professor of Mathematics

THOMAS J. LESLIE,  
Assistant in Mathematics

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GENERAL INFORMATION

The college of engineering was founded in 1881 and has steadily developed into a complete polytechnic school which at present comprises the departments of chemical, civil, electrical, mechanical and mining engineering. Its courses are planned to supplement the instruction furnished by the better high schools with additional instruction in English and foreign lan-

guages; with thorough training in the fundamental sciences of mathematics, physics and chemistry, and with the application of the principles of the sciences to the design, construction and operation of engineering works. The mathematical and theoretical courses predominate in the earlier years, while a reasonable amount of specialization is allowed in the latter years. Two-year courses designed to fit students for minor positions in the technical world are also offered by the college.

The location of the university in the mineral district of Alabama is especially fortunate for the engineering student. Extensive coal beds underlie the campus, and coal and iron mines, blast furnaces, foundries, saw mills, and other important manufacturing works are in operation within a ten-minutes' ride. Nearby also are deposits of building stones, clays, graphite, and lignite. No other school has so readily accessible the variety of mining operations, mineral products, and metallurgical and manufacturing plants. Two of the United States government locks and dams on the Warrior river on the northern boundary of the campus and an enormous hydro-electric plant being developed within a few miles of the University are of instructional value, while the four railroads that enter the city afford civil engineering students numerous illustrations of railroad and bridge problems.

The mild and healthful climate makes it possible to conduct field courses at all times.

## BUILDINGS

The exceptional natural advantages of the college do not excel the completeness of the buildings, equipment and other facilities provided for engineering instruction.

### COMER HALL

The engineering building, constructed in 1909, has been named Comer Hall in honor of Braxton Bragg Comer, ex-governor of the state of Alabama. This splendid edifice, finished on the exterior with light colored pressed brick and cut stone, and modern in every appointment, is designed to meet the growing demands of the college. The building has extreme dimensions 319 feet north and south and 235 feet east and west. The south wing and south portion of the main axis is devoted to physics and electrical engineering on the first floor, while the second floor of this part of the building accommodates the engineering library, engineering dean's office, recitation rooms and drawing rooms for civil, electrical and mining engineering. The central portion of the building accommo-

dates the power plant, including the boiler room, engine and dynamo room, heating and pumping machinery, coal handling and gas producer plant. The mining and metallurgical laboratories, concentrating plant for coal and ores, assay furnaces and machinery for gold mining and ceramics, occupy the entire west wing.

The north central portion is especially designed to accommodate heavy testing machinery, provision being made for traveling overhead crane, while a standard gauge track connects the laboratory with the main line of the Alabama Great Southern, Louisville & Nashville, Mobile & Ohio, Warrior Southern, and Birmingham & Tuscaloosa railroads, thus permitting the heaviest test pieces to be handled direct from cars to testing machines. The first floor of the north wing contains the road testing and cement testing laboratories, wood shop, machine shop, transmission and power laboratory, and mechanic's quarters.

The second floor, north wing, accommodates the recitation rooms, drawing rooms, and professor's offices of the department of mechanical engineering, museum, and technical society room. A large lecture room, especially fitted for stereopticon and projectoscope use, is provided on the second floor of the north central portion of the building. A printing room, storage and dark rooms are also provided on the second floor of the north wing.

#### FOUNDRY

The blacksmith shop and foundry of the department of mechanical engineering are housed in a brick building within 200 feet of the main building.

#### HYDRAULIC LABORATORY

The waters of University branch are utilized by the construction of a concrete dam and laboratory giving an effective head between water level of dam and tail race of 15 feet. The building is constructed of concrete and is 30 feet by 48 feet in dimensions.

### LABORATORY DEPARTMENT

#### HYDRAULIC LABORATORY

The hydraulic laboratory contains a special Trump turbine with plate glass manhole covers and fitted in every respect as a high duty motor, a Rumsey triplex pump, a two stage centrifugal pump of 500 gallons per minute capacity, direct connected to a 40 h. p. d. c. motor, weirs and other apparatus.

## POWER PLANT AND SPECIAL LABORATORIES

The power plant located in the engineering building consists of a battery of water tube boilers of 300 horse power capacity, fitted with underfeed stokers and Burke furnace, and one 250 horse power Erie City boiler, fitted with a Green chain stoker; one 35 horse power Fairbanks-Morse & Co. producer gas plant. The engine room contains one 160 horse power Reynolds Corliss engine, direct connected to a 125 K. W. Bullock 220 volt direct current generator; one automatic high speed engine belt connected to a Wesco d. c. generator; one 30 K. W. generator belt connected to a producer gas engine. This power plant furnishes light for all the campus buildings and grounds, and power for the various engineering laboratories and buildings for elevator and motor service.

## LABORATORY FOR PHYSICAL TESTS

This laboratory, designed for the study and tests of iron, steel, wood, cements, and concretes, contains the following equipment: One 200,000 pounds capacity Olsen's latest improved universal testing machine of the four-screw type, automatic and autographic direct driven by variable speed direct current motor; one 30,000 pounds capacity universal testing machine with dial vernier beam direct driven by motor; one Olsen torsion testing machine of 60,000 pounds capacity with direct connected variable speed motor; one transverse testing machine with combined deflection instrument; one Olsen compression and extension micrometer; one cylindrical compression micrometer; one Olsen latest type wire testing machine of 10,000 pounds capacity, with dial vernier screw beam reading to full capacity of machine; one wire extensometer; one traction dynamometer of 5,000 pounds capacity; one absorption dynamometer; one 25 horse power Prony brake; one Purdue University impact machine.

## CEMENT TESTING LABORATORY

This laboratory, designed for making standard tests of cements and plastic materials, has ample capacity for the accommodation of students, equipment, storage of materials and test pieces, conditions that do not usually obtain in laboratories of this kind. Besides the usual small appliances and special apparatus for specific gravity, absorption, shrinkage, void tests, etc., the laboratory contains one Olsen automatic motor drive tension and flexure machine of 2,000 pounds capacity; one 1,000 pounds capacity automatic shot testing machine; one im-



pact testing machine for cement and macadam testing according to standard specifications of the American Society for Testing Materials; standard steaming apparatus; soapstone moist closets; special gang moulds, and the tools and appliances usual in this laboratory.

#### ROAD MATERIALS LABORATORY

This laboratory, in connection with the physical and cement testing laboratories, the geological department of the University, and the state geological survey collections and equipment, is intended to afford every possible facility for the study of the road materials of Alabama and to furnish students with a research laboratory as well as instruction in the physical properties and usefulness of various kinds of road materials. The laboratory contains the following special testing machines: One Ballintine hardness tester; one three-gang abrasion cylinder of French type direct connected to d. c. motor; one abrasion cylinder, Olsen make, of latest standard type, motor driven direct connected, and one Riehle ball mill. The laboratory also contains a collection of various types of pavement and sidewalk materials and road metals.

#### MINING ENGINEERING LABORATORY

The mining laboratory has a floor space of 100x50 feet, and is 30 feet to roof trusses. There is also a basement 50x50 feet, thus providing ample room for present and future needs.

The laboratory contains the ore concentrating plant, the assay laboratory, and provisions have been made for future installations along metallurgical and ceramic lines. Suitable apparatus for the analyses of products and for research work is provided.

The concentration plant is equipped for the testing and working of ores and coal on both small and commercial scales. It contains a Blake rock crusher; gear and belt-driven rolls; disintegrating screens; trommels; sizing screens; Pierce amalgamator; Hartz jig; New Century differential jigs; Bull jig; coal jig; New Century fast motion jig for fines; Wilfley No. 5 concentrating table; 6 ft. Allis-Chalmers suspended vanner; Richards vortex classifier; Callow tank, elevators, pumps, and other necessary apparatus for handling material to and from the various machines. By a system of cut-outs and launders it is possible to run the machines in a variety of combinations, allowing a great range of treatments to be given ores and coals, and as the machines are full size, and standard makes, results may be obtained directly applicable to commercial work.

In addition to the full size machines numerous model machines and apparatus are available for experimental work. The machinery is operated by motors, current being furnished by the central power plant.

Numerous blue prints, illustrating the design of concentrating plants, and ore dressing, and mining machinery, are also a part of the equipment.

#### ELECTRICAL ENGINEERING LABORATORY

The electrical engineering laboratory occupies a room having a floor space of 2,700 square feet on the ground floor of Comer Hall. It is adjacent to the main lecture room on one side and to the University power plant, from which current is obtained, on the other. The equipment consists of various pieces of direct and alternating current apparatus, sufficient to illustrate the working of practically every important type of electrical machinery in common use. For direct current this includes shunt motors, a variable speed interpole motor, a street railway or crane type series motor with drum controller and generators for alternating current, a one, two, and three phase rotary converter, an alternator, a variable speed induction motor, a self-starting single-phase motor, and a number of transformers. A supply of the most modern measuring instruments in a wide variety of sizes, with incidental equipment of rheostats, lamp-banks, brakes, and tachometers provides the students with all needed facilities for studying the performance and carrying on tests of electrical machinery under diverse conditions. A collection of types of lamps is being secured to illustrate this important branch of applied electricity. The laboratory has its own switchboard, so arranged that machines may be connected to the line or interconnected in any desired manner.

In addition the entire equipment of the power station, with three large engine-driven generators, two balancer sets and accessory appliances, is available for demonstration and experimental purposes.

On the first floor of Comer Hall, in conjunction with the electrical portion of the equipment of the physics department facilities are provided for accurate measurements of electrical quantities, the calibration and standardization of meters, and other experimental work not necessitating the use of heavy machinery.

#### STEAM ENGINEERING LABORATORY

The large units in the engine room of the power plant are used in connection with the smaller engines, pumps, compres-

sors, etc., in this laboratory located on the first floor of the north wing of the engineering building. The laboratory is well supplied with apparatus for tests and instructional purposes in steam engineering, such as indicators, gauges, gauge testers, recording gauges, hook gauges, draft gauges, speed counters, planimeters, calorimeters, pyrometers, injectors, a Thurston oil tester, a viscosimeter, and a complete line of steam fitters' and machinists' tools.

### SHOPS

The equipment of the wood shop includes circular saw, band saw, jointer, trimmer, wood turning lathes, work benches, and a sufficient number of hand tools so that each student can have a complete set for his own use during his shop period.

All the shops of the mechanical department are run by d. c. motors and counter-shafts or by direct motor drives on the machines.

The machine shop contains engine lathes, planer, upright drill, shaper, milling machine, hoists, and a large collection of hand tools, benches, and lathes for student use.

### SURVEYING EQUIPMENT

The college is well supplied with field equipment for the departments of civil and mining engineering, including appliances and instruments for making reconnaissance in topographical, hydrographical, and mining surveys, railroads, etc., such as mountain, solar, and mining transits; levels, plane tables, compasses, planimeters, pantographs, computing machines, recording thermometers, barometers, sextants, clinometers, telemeters, rods, tapes, etc.

### MUSEUM OF THE COLLEGE OF ENGINEERING

The museum contains a collection of American photographs of engineering works, during the process of construction, blue prints and drawings showing the improvements of the rivers of the United States made by United States engineers; a large collection of governmental maps from the department of the United States coast and geodetic survey, United States army, and United States geological survey; a collection of Schroeder models in descriptive geometry and stereotomy; a collection of actual sections in iron and steel, such as rails, eye bars, tees, channels, rail joints, tie plates; a collection of road and street paving materials.

## LIBRARY

In addition to the University library which is open to all students, the engineering library affords a substantial reference and working library in all the fields of engineering. All the leading technical journals and magazines are on file.

## REQUIREMENTS FOR ADMISSION

The methods of and requirements for admission of regular and special students in the college of engineering are the same as those for admission to the B. S. course in the college of arts and sciences.

## REQUIREMENTS FOR GRADUATION

In order to receive the degree of bachelor of science from the college of engineering, a student must complete all the work specified in one of the various courses outlined, which amounts to from 145 to 147 half-year hours.

No degree is granted by the University to any student who has not spent at least one year in resident work.

## FEES

A fee of \$4.50 a half-year is required of all freshmen, sophomores, and special students, including students in the college of arts and sciences, who take any of the laboratory, field or drawing courses. For juniors, seniors and graduates, the fees is \$7.50 a half-year. Any person doing special work in any of the laboratories will be charged a sum equal to the cost of the materials consumed.

## ENGINEERS' CLUB

The engineers' club plays an important part in the education of the students of the college of engineering, by affording opportunities for social intercourse, practice in public speaking, and experience in organization and administration. The membership of the club, which was organized February 18, 1913, now embraces a majority of the engineering students. The club occupies a commodious and well furnished room in Comer Hall. Addresses are made by the students or by special lecturers at the bi-weekly meetings which are followed by social sessions.



# Courses of Study and Degrees

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The college of engineering offers six systematic four-year courses leading to the B. S. degree.

Chemical Engineering.

Civil Engineering.

Electrical Engineering.

Highway Engineering.

Mechanical Engineering.

Mining Engineering

Students who complete any of the above four-year courses are graduated with the degree of bachelor of science, the diploma containing a specific designation of the course taken.

## GRADUATE WORK

**Master's Degree.**—The degree of Master of Science may be conferred upon graduates of the engineering courses, in place of the professional degree, under the same requirements as apply to graduates of the college of arts and sciences.

**Professional Degrees.**—The degrees of Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer, and Engineer of Mines are conferred as second degrees upon bachelors of science in the chemical, civil, electrical, mechanical and mining engineering courses respectively, (a) upon engineering graduates of approved institutions who pursue advanced professional study at the University for a period of not less than one year, or (b) upon graduates of the college of engineering of the University of Alabama who have spent three years in professional work, at least one of which must have been in a position of responsibility and who present a satisfactory thesis. Theses submitted by candidates for professional degrees should embody the results of original investigations or show the ability of the candidates to design and execute engineering works.

Candidates for professional degrees, under option (a), must elect from certain designated and approved courses work to the amount of 12 hours, 6 of which shall be chosen from the

following list of courses of major rank in the college of engineering. The remaining 6 hours may be chosen either from this list of courses or from the list of graduate courses in the college of arts and sciences, but at least three hours of the minor must be cognate with the major work. Additional requirements for graduate work are stated on page 76

Courses of major rank in the college of engineering :

Chemical Engineering 3, 6, 7, 8, 11, 12, 13.

Civil Engineering 6, 7, 8, 9a, 15, 16, 17, 21, 22.

Electrical Engineering 1, 3, 4, 21, 22, 24.

Engineering Jurisprudence 1.

Mechanical Engineering 4, 5, 6, 7, 8, 9, 12.

Mechanics 2, 5, 6, 7.

Mining Engineering 1, 2, 4, 5, 6, 8.

Surveying 2, 3, 4.

#### DEPARTMENT OF CHEMICAL ENGINEERING

The purpose of the course in chemical engineering is to provide such instruction in the various branches of chemistry as will enable the graduate to do effective and intelligent work in the development of the numerous and growing chemical and metallurgical industries, such as the manufacture of cements, sulphuric acid, sugar, starch, of iron and steel and other metallurgical products, and of coke, charcoal, etc., with their by-products. It must be emphasized that although thorough training in analytical chemistry is given, the purpose of the course is not to turn out men who are analysts only, but who can design and oversee the erection of new buildings, and direct the installation and use of machinery. Hence the course of study combines a considerable amount of pure engineering with the maximum amount of chemical training which can be attained in the time allowed.

The course has also in view the requirements of those intending to devote themselves to the study of water supply and its purification, and to the related subject of sewage treatment, two problems of growing importance.

## CHEMICAL ENGINEERING COURSE

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
73	Foreign Language .....	French 1	3	3
80		German 1, or		
83		Latin 1		
		Spanish 1		
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 1, 3	2	2
72	General Inorganic Chemistry.....	Chemistry 1	4	4
133	Elementary Surveying.....	Surveying 1	2	2
			20	20

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 4	4	3
78	Mineralogy.....	Geology 1	3	3
85	Analytic Physics.....	Physics 2	4	4
128	Descriptive Geometry.....	Drawing 5	3	3
72	Advanced Inorganic Chemistry....	Chemistry 2	4	4
72	Quantitative Analysis.....	Chemistry 3		3
			18	20

## JUNIOR YEAR

84	Calculus.....	Math. 5	4	4
78	Engineering Geology.....	Geology 3	3	3
131	Statics, Dynamics.....	Mech. 1, 4		5
130	Steam and Other Engines.....	M. E. 5	3	
72	Quantitative Analysis.....	Chemistry 3	3	
128	Electrical Machinery.....	E. E. 1	4	4
129	Electrical Laboratory.....	E. E. 4	1½	1½
			18½	17½

CHEMICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
79	General Geology.....	Geology 2		4
72	Organic Chemistry.....	Chemistry 4	4	4
126	Technical Chemistry.....	Ch. E. 5	2	2
73	Physical Chemistry.....	Chemistry 11	3	
126	Electro-Chemistry.....	Ch. E. 13		3
128	Engineering Jurisprudence.....	Eng. Jur. 1	2	
74	Elementary Economics.....	Economics 1	3	3
131	Hydraulics.....	Mechanics 7	2	
			19	19

## DEPARTMENT OF CIVIL AND HIGHWAY ENGINEERING

The instruction in civil engineering is designed to impart to the student a broad grounding in the principles underlying a practical working knowledge of all engineering and to train him in the essential subjects which will enable him, after acquiring a due amount of experience, to plan and execute structures and works of the kind usually committed to civil engineers, such as steel and masonry bridges and buildings, railway structures, hydraulic, sanitary and municipal works, and topographical and geodetic surveys; and to develop the executive ability necessary for the successful management of large industrial enterprises and of the construction of large government, corporation and public works.

## HIGHWAY ENGINEERING

Universal interest in the subject of good roads has created a demand for men trained in the arts of road location, construction and maintenance. To fulfill this demand the subjects of road location and construction, paving materials, and pavement construction and the design of highway culverts and bridges have been incorporated in the four-year civil engineering course.



## CIVIL AND HIGHWAY ENGINEERING COURSE

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
78	Foreign Language.....	French 1	3	3
80		German 1, or		
83		Latin 1		
		Spanish 1		
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 1, 3	2	2
133	Elementary Surveying.....	Surveying 1	2	2
			19	19

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 4	4	3
85	Analytic Physics.....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Descriptive Geometry.....	Drawing 5	3	3
128	Topographical Drawing.....	Drawing 6	1	1
133	Advanced and Railway Surveying	Surv. 2, 3	3	3
127	Roads and Pavements.....	C. E. 17	-----	2
			19	20

## JUNIOR YEAR

84	Calculus.....	Math. 5	4	4
78	Engineering Geology.....	Geology 3	3	3
131	Statics, Dynamics.....	Mech. 1, 4	-----	5
126	Railroad Engineering.....	C. E. 6, 7	3	3
130	Steam and Other Engines.....	M. E. 5	3	-----
128	Electrical Machinery.....	E. E. 1	4	4
	Electrical Laboratory .....	E. E. 4	1½	-----
			18½	19

CIVIL AND HIGHWAY ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials.....	Mech. 2	5	
131	Materials of Construction.....	Mech. 5, 6	2	2
131	Hydraulics, Hydrometry.....	Mech. 7, 9	2	1
127	Theory of Structures, Details.....	C. E. 8, 9a	4	2
127	Municipal Engineering.....	C. E. 16		3
127	Water Power Engineering.....	C. E. 15		3
127	Masonry.....	C. E. 21		2
127	Reinforced Concrete.....	C. E. 22		2
128	Engineering Jurisprudence.....	Eng. Jur. 1	2	
74	Elementary Economics.....	Economics 1	3	3
			18	18

## DEPARTMENT OF ELECTRICAL ENGINEERING

It is the purpose of this department to offer that theoretical and practical instruction which is necessary for the professional electrical engineer, giving the student scientific training that shall enable him to participate successfully in the rapid developments in applied electricity now going on in the South, as shown by the increasing utilization of water power and the employment of electrical energy in the industries.

Instruction is by lecture, recitation, and conference, together with shop, laboratory, and design practice, particular emphasis being laid on the individual examination, operation, and test of commercial electrical apparatus and machinery, and the preparation therefrom of descriptive reports.

**ELECTRICAL ENGINEERING COURSE**

A four-year course leading to the B. S. degree

**FRESHMAN YEAR**

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
78	Foreign Language.....	French 1	3	3
80		German 1, or		
83		Latin 1		
		Spanish 1		
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 2, 4	2	2
133	Elementary Surveying.....	Surveying 1	2	2
			19	19

**SOPHOMORE YEAR**

84	Analytic Geometry.....	Math. 4	4	3
85	Analytic Physics.....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Descriptive Geometry.....	Drawing 5	3	3
128	Freehand Sketching.....	Drawing 8		2
129	Shopwork.....	M. E. 2, 3	3	3
			18	19

**JUNIOR YEAR**

84	Calculus.....	Math. 5	4	4
131	Statics, Dynamics.....	Mech. 1, 4		5
128	Electrical Machinery.....	E. E. 1	4	4
129	Electrical Laboratory.....	E. E. 4	1½	1½
130	Mechanism, Machine Design and Steam Boilers.....	M. E. 4	4	4
130	Steam and Other Engines.....	M. E. 5	3	
130	Mechanical Laboratory Practice...	M. E. 6	2	
			18½	18½

ELECTRICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials.....	Mech. 2	5	-----
131	Materials of Construction.....	Mech. 6	-----	2
131	Hydraulics.....	Mechanics 7	2	-----
129	Alternating Currents.....	E. E. 21	4	-----
129	Electrical Power Applications.....	E. E. 22	-----	4
129	Electrical Design.....	E. E. 3	2	2
129	Electrical Laboratory.....	E. E. 24	1½	1½
85	Electrical Measurements.....	Physics 4	2	-----
130	Power Plants.....	M. E. 9	-----	3
127	Water Power Engineering.....	C. E. 15	-----	3
74	Elementary Economics.....	Economics 1	3	3
			17½	18½

## DEPARTMENT OF MECHANICAL ENGINEERING

The courses offered are intended to give the student a general acquaintance with the principles of mechanical engineering. The practical work is planned to provide such training as will enable him to superintend the design, construction, and erection of machinery, and to solve the mechanical problems of transportation and public service; and also, to prepare such students as desire to go from college into the manufacturing business, with a practical knowledge of machinery, methods of shop management, and the economic problems that enter into all manufacturing enterprises.



## MECHANICAL ENGINEERING COURSE

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
78	Foreign Language.....	French 1	3	3
80		German 1, or		
83		Latin 1		
		Spanish 1		
84	Algebra, Trigonometry.....	Math. 2E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 2, 4	2	2
133	Elementary Surveying.....	Surveying 1	2	2
			19	19

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 4	4	3
85	Analytic Physics.....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Descriptive Geometry.....	Drawing 5	3	3
128	Freehand Sketching.....	Drawing 8		2
129	Shop Practice.....	M. E. 2, 3	3	3
			18	19

## JUNIOR YEAR

84	Calculus.....	Math. 5	4	4
131	Statics, Dynamics.....	Mech. 1, 4		5
128	Electrical Machinery.....	E. E. 1	4	4
129	Electrical Laboratory.....	E. E. 4	1.5	1.5
130	Mechanism, Machine Design and Steam Boilers.....	M. E. 4	4	4
130	Steam and Other Engines.....	M. E. 5	3	
130	Mechanical Laboratory Practice.....	M. E. 6	2	
			18.5	18.5

MECHANICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials.....	Mech. 2	5	
131	Materials of Construction.....	Mech. 6		2
131	Hydraulics, Hydrometry.....	Mech. 7, 9	2	1
127	Water Power Engineering.....	C. E. 15		3
127	Theory of Structures.....	C. E. 8	4	
130	Steam Engines and Steam Turbines.....	M. E. 7	3	
130	Power Laboratory Practice.....	M. E. 8		3
130	Power Plants.....	M. E. 9		3
130	Gas Engines, Air Compressors, Refrigeration.....	M. E. 12		3
128	Engineering Jurisprudence.....	Eng. Jur. 1	2	
74	Elementary Economics.....	Economics 1	3	3
			19	18

## DEPARTMENT OF MINING ENGINEERING

The course in mining engineering is designed to train the student to prospect; to distinguish and classify the useful minerals and rocks; to understand the geological principles that govern the formation and association of useful mineral products and to estimate their values; to study ores, coals, clays, oils, limes, gems, and fuels; to make surveys in mines and surface surveys and to study their relation; to make maps; to design mining, milling, and power plants; to study the laws of ventilation in mines; electricity and hydraulics as applied to mining engineering; to solve practical problems arising in actual mining work, and to assume places of responsibility and importance in the great development of the mineral resources of the country, and in the management of the great manufacturing industries.

## MINING ENGINEERING COURSE

A four-year course leading to the B. S. degree

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
78	Foreign Language .....	French 1	3	3
80		German 1, or		
83		Latin 1		
		Spanish 1		
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 1, 3	2	2
133	Elementary Surveying.....	Surveying 1	2	2
			19	19

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 4	4	3
85	Analytic Physics.....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
78	Mineralogy.....	Geology 1	3	3
128	Descriptive Geometry.....	Drawing 5	3	3
128	Topographical Drawing.....	Drawing 6	1	1
132	Mining.....	Mining 1		2
			19	20

## JUNIOR YEAR

84	Calculus.....	Math. 5	4	4
78	Engineering Geology.....	Geology 3	3	3
72	Qualitative Analysis.....	Chemistry 2	4	
72	Quantitative Analysis.....	Chemistry 3		3
131	Statics, Dynamics.....	Mech. 1, 4		5
132	Mining.....	Mining 2	2	3
132	Coal Mining and Mine Plant.....	Mining 3	3	
133	Mine Surveying.....	Surveying 4	1	
	Technical Abstracts.....	Mining 7	2	
			19	18

MINING ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
131	Strength of Materials.....	Mech. 2	5	-----
131	Materials of Construction.....	Mech. 5, 6	2	2
79	Economic and General Geology....	Geology 4, 2	3	4
72	Quantitative Analysis.....	Chemistry 3	3	-----
132	Mine Management and Accounts..	Mining 4	-----	3
132	Ore Dressing.....	Mining 5	3	-----
132	Theoretical Ore Dressing.....	Mining 6	-----	3
132	Mining Assaying.....	Mining 8	-----	3
74	Elementary Economics.....	Economics 1	3	-----
			19	18

## TWO-YEAR TECHNICAL COURSES

Short courses are provided for those who can devote only a limited time to study, and who desire the greatest amount of directly useful knowledge that can be acquired in the brief time allowed. The courses extend over two full college years and embrace all of the studies of the first year of the engineering courses, with the exception of foreign language, and also a number of the applied engineering subjects, but they are not engineering courses and do not lead to the professional degree. The courses do not give the student the training necessary to design structures or works, and those who can devote the necessary time are urged to get the complete training given in the four-year engineering courses.

## CIVIL GROUP

## ROAD BUILDING, SURVEYING AND DRAFTING

This group of studies is planned to prepare the student for such technical positions as structural and topographical draftsman, land, city, topographical and railroad surveyor; superintendent of road and pavement construction, etc.



## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 1, 3	2	2
133	Elementary Surveying.....	Surveying 1	2	2
78	Engineering Geology.....	Geology 3	3	3
			19	19

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 4	4	3
133	Advanced and Railroad Surveying	Surveying 2, 3	3	3
128	Topographical Drawing.....	Drawing 6	1	1
130	Steam and Other Engines.....	M. E. 5	3	-----
85	Analytical Physics.....	Physics 2	4	4
127	Roads and Pavements.....	C. E. 17	-----	2
132	Mining.....	Mining 1	-----	2
74	Elementary Economics.....	Economics 1	3	3
			18	18

## ELECTRICAL GROUP

This group of studies is designed to fit men for such positions as power plant assistant, mill electrician, etc.

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 2, 4	2	2
133	Elementary Surveying.....	Surveying 1	2	2
129	Shopwork.....	M. E. 2, 3	3	3
			19	19

ELECTRICAL GROUP (*Continued*)

## SOPHOMORE YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
84	Analytical Geometry.....	Math. 4	4	3
85	Analytical Physics.....	Physics 2	4	4
72	General Inorganic Chemistry.....	Chemistry 1	4	4
128	Electrical Machinery.....	E. E. 1	4	4
129	Electrical Laboratory.....	E. E. 4	1½	1½
130	Steam and Other Engines.....	M. E. 5	3	2
	Freehand Sketching.....	Drawing 8		
			20½	18½

## MECHANICAL GROUP

This group of studies is designed to fit men for such positions as engineering draftsman, assistant shop foreman, power plant attendant, etc.

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 2, 4	2	2
133	Elementary Surveying.....	Surveying 1	2	2
129	Shop Work.....	M. E. 2, 3	3	3
			19	19

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 4	4	3
85	Analytic Physics.....	Physics 2	4	4
130	Mechanism, Machine Design and Steam Boilers.....	M. E. 4	4	4
130	Steam and Other Engines.....	M. E. 5	3	4
128	Electrical Machinery.....	E. E. 1	4	
128	Freehand Sketching.....	Drawing 8	1	2
			19	17

## MINING GROUP

This group of studies is designed to fit men for such positions as mine and quarry superintendent.

## FRESHMAN YEAR

Page	Subject	Number of Course	Hours Credit	
			First Half Yr.	Second Half Yr.
76	English Composition.....	English 1	3	3
84	Algebra, Trigonometry.....	Math. 1E, 2E	5	5
84	Elementary Physics.....	Physics 1	4	4
127	Elementary Drawing.....	Drawing 1, 3	2	2
133	Elementary Surveying.....	Surveying 1	2	2
78	Engineering Geology.....	Geology 3	3	3
			19	17

## SOPHOMORE YEAR

84	Analytic Geometry.....	Math. 6	4	3
133	Mine Surveying.....	Surveying 4	1	
128	Topographical Drawing.....	Drawing 6	1	1
85	Analytic Physics.....	Physics 2	4	4
132	Mining.....	Mining 1		2
132	Mining.....	Mining 2	2	3
132	Coal Mining and Mine Plant.....	Mining 3	3	
	Mine Management and Accounts..	Mining 4		3
132	Ore Dressing.....	Mining 5	3	
	General Geology.....	Geology 2		4
			18	20

# Courses of Instruction

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## CHEMICAL ENGINEERING

PROFESSOR LLOYD

5. **Technical Chemistry.**—A discussion of materials and processes employed in chemical industries; evaporators, filter presses; transference of corroding materials; designs of stills, etc. Two lectures.

6. **General Metallurgy.**—Two lectures and one laboratory period.

7. **Metallurgy and Metallography of Iron and Steel.**—Two lectures and one laboratory period, first half-year.

8. **Assaying.**—Fire assay of gold, silver and platinum, and quantitative examination of metallurgical products. One double laboratory period, second half-year.

12. **Special Methods of Analysis.**—Two laboratory periods.

13. **Electro-Chemistry.**—Three lectures second half-year.

14. **Technical Reports.**—One hour.

See also page 62.

## CIVIL ENGINEERING

PROFESSOR DAVIS

PROFESSOR HOUSER

6. **Railroad Engineering 1**—A course describing the permanent way and discussing the principles governing the design of the grade line of a railroad. Lectures, recitations and drafting. Three hours credit. First half-year. Professor Houser.

7. **Railroad Engineering 2**—Economics of the location and construction of railroads. Location, construction and betterment surveys. Lectures, recitations, drafting and field practice. Prerequisite, Surveying 3. Three hours credit. Second half-year. Professor Houser.



8. **Theory of Structures.**—A study of graphical and algebraic methods of determining the stresses in simple structures of various kinds, principally roofs and bridges. First half-year. Four hours credit. Professor Davis.

9a. **Structural Details.**—The designing of structural elements and of simple trusses in wood and steel. Prerequisite, Mechanics 2 and C. E. 8. Second half-year. Two hours credit. Professor Davis.

15. **Water Power Engineering.**—The theory, investigation and development of water powers. Lectures and recitations. Three hours credit. Second half-year. Professor Davis.

16. **Municipal Engineering.**—The development of water supplies, the design of water works, sewerage systems and purification plants. Three hours credit. Second half-year. Professor Davis.

17. **Roads and Pavements.**—The location of country roads, and the design, construction and maintenance of pavements. Two hours credit. First half-year. Professor Houser.

21. **Masonry.**—A study of the materials and methods used in the design and construction of masonry structures and foundations. Two hours credit. Second half-year. Professor Davis.

22. **Reinforced Concrete.**—Theory and practice of the design of reinforced concrete structures. Analysis and design of typical structures. Two hours credit. Second half-year. Professor Davis.

## DRAWING

PROFESSOR GALLALEE

PROFESSOR LITCHMAN

1. **Elementary Drawing.**—Orthographic projection, lettering and tracing. Two two-hour periods a week. Two hours credit. First half-year. Professor Litchman.

2. **Elementary Drawing.**—Similar to course 1 but specially arranged for students in electrical and mechanical engineering. Two two-hour periods a week. Two hours credit. First half-year. Professor Litchman.

3. **Elementary Drawing.**—Working drawings, blue-printing and elements of descriptive geometry. Two two-hour periods a week. Two hours credit. Second half-year. Professor Litchman.

4. **Elementary Drawing.**—Similar to course 3 but specially arranged for students in electrical and mechanical engineering. Two two-hour periods a week. Two hours credit. Second half-year. Professor Litchman.

5. **Descriptive Geometry.**—The representation of lines, planes, surfaces, and solids, and their relations, intersections, tangencies, and developments. One recitation and two drawing periods a week. Three hours credit. Entire year. Professor Litchman.

6. **Topographical Drawing.**—Representation of surface forms by contours and by shading with pencil, pen and colors. Topographical symbols, copying, enlarging and reducing maps. One drawing period a week. One hour credit. Entire year. Prerequisite, courses 1 or 2, and Surveying 1. Professor Litchman.

8. **Free-Hand Sketching.**—Free-hand dimensional drawing of machine parts and complete machines. Two hours, second half-year. Professor Gallalee.

## ENGINEERING JURISPRUDENCE

PROFESSOR HOUSER

1. An elementary course in the law of contracts and other law subjects requisite to the successful practice of engineering. This course includes the preparation of engineering specifications. Two hours credit. First half-year.

## ELECTRICAL ENGINEERING

PROFESSOR WITTIG

INSTRUCTOR SHORT

MR. JOHNSTON

E. E. 1. **Electrical Machinery.**—Introductory study of operation, use and control of direct and alternating current machinery, instruments and other appliances. Four hours. Entire year. Prerequisite, Physics 2. Professor Wittig.

E. E. 3. **Electric Design.**—Direct and alternating current appliances, such as switching and heating devices, electromagnets, rheostats, dynamos. Calculations and drawing four hours a week. Two hours credit. Entire year. Professor Wittig.

**E. E. 4. Electrical Engineering Laboratory Practice.**—Operation and the simpler kinds of tests of various types of generators, motors, meters, transformers, lighting and other devices: written reports of all tests, to give practice in technical writing, including presentation of data in graphical form. Three hours a week. One and one-half hours credit. Entire year. Parallel or prerequisite, E. E. 1. Professor Wittig.

**E. E. 21. Alternating Currents.**—Theory of alternating current circuits, including vector analysis, and application of theory to the performance of alternators, transformers, induction motors and convertors. Four hours. First half-year. Prerequisites, E. E. 1 and calculus. Instructor Short.

**E. E. 22. Electric Power Applications.**—A continuation of E. E. 21. Power generation, transmission, and utilization, with as much attention as time will permit to the broader economic aspects of questions involved. Prerequisite, E. E. 21. Four hours. Second half-year. Instructor Short.

**E. E. 24. Electrical Engineering Laboratory Practice.**—Senior course. Continuation and development of E. E. 4. Three hours a week. Experiments and reports. One and one-half hours credit. Entire year. Prerequisite, E. E. 4; parallel, E. E. 21. Professor Wittig.

## MECHANICAL ENGINEERING

PROFESSOR GALLALEE

MR. MILLER

MR. SMITH

**M. E. 2. Wood Shop and Foundry Practice.**—Use of wood working tools, joinery, wood turning, pattern making, moulding, cupola practice. Three hours credit. First half-year. Professor Gallalee, Mr. Miller, Mr. Smith.

**M. E. 3. Machine and Forge Shop Practice.**—Use of hand and power machine tools, making machine parts. Forging, hardening, tempering, welding. Three hours credit. Second half-year. Professor Gallalee, Mr. Miller, Mr. Smith.

**M. E. 4. Mechanism, Machine Design and Steam Boilers.**—Kinematics and geometry of machinery, methods of transmitting motion, gears, belts, linkages, cams, etc. Materials of machines, structural design of machine parts and of complete machines. Designing, making, managing and caring for boilers. Four hours credit. First and second half-year. Professor Gallalee.

**M. E. 5. Steam and Other Engines.**—Explanation of the elementary principles of science applicable to heat engines, description of the constructional details of typical engines and boilers. Three hours credit. First half-year. Professor Gallalee.

**M. E. 6. Mechanical Laboratory Practice.**—Calibration of instruments, tests with transmission and absorption dynamometers. Reports of tests. Two hours credit. First half-year. Professor Gallalee.

**M. E. 7. Steam Engines and Steam Turbines.**—An explanation of three branches of the subject which are of fundamental importance to a sound knowledge of steam-engine and steam-turbine design and management. Prerequisite M. E. 5. Three hours credit. First half-year. Professor Gallalee.

**M. E. 8. Power Laboratory Practice.**—Valve setting, calorimetry, engine and boiler tests, use of power plant equipment. Six hours; three hours credit. Second half-year. Professor Gallalee.

**M. E. 9. Power Plants.**—General layout of power plants, conditions governing choice of prime movers, relative cost of installation and maintenance, efficiency, cost of power. Prerequisite, M. E. 5. Three hours credit. Second half-year. Professor Gallalee.

**M. E. 12. Gas Engines, Air Compressors, Refrigeration.**—A study of the theory, design, and construction of gas engines and producers, air compressors, and refrigerating machinery. Prerequisite, M. E. 7. Three hours credit. Second half-year. Professor Gallalee.

## MECHANICS

PROFESSOR DAVIS

PROFESSOR LITCHMAN

**1. Statics.**—Composition, resolution and equilibrium of forces, center of gravity, etc., treated, as are the following courses, with special reference to the requirements of engineers. Five recitations a week, first ten weeks of second half-year. Three hours credit. Prerequisite, physics 2 and mathematics 5. Professor Litchman.

**2. Strength of Materials.**—Prerequisite course 1. First half-year. Five hours credit. Professor Litchman.



4. **Dynamics.**—Prerequisite course 1. Last eight weeks of second half-year. Two hours credit. Professor Litchman.

5. **Materials of Construction.**—The testing of cements and the fabrication and testing of concrete. Four hours a week. Two hours credit. First half-year. Professor Davis.

6. **Materials of Construction.**—A laboratory course in the testing of wood, stone, steel, and other building materials. Four hours a week. Two hours credit. Second half-year. Prerequisite, course 2. Professor Litchman.

7. **Hydraulics.**—The elementary principles of the mechanics of fluids. Two hours credit. Prerequisite, courses 1 and 4. First half-year. Professor Davis.

8. **Hydrometry.**—The theory, calibration and use of instruments for hydraulic measurements. One laboratory period a week. One hour credit. Prerequisite, course 7. Second half-year. Professor Davis.

## MINING ENGINEERING

PROFESSOR LITCHMAN

1. **Mining.**—This course includes lectures on prospecting, drilling, blasting, boring, tunneling, shaft-sinking, etc. Instruction is by lectures, use of models, and occasional laboratory exercises. One hour a week.

2. **Mining.**—This course is a continuation of Min. 1, and includes lectures on mining methods, timbering, haulage, hoisting, drainage, ventilation, lighting, accident, hygiene and sociology as related to mining. A short course in the fundamentals of mining law, and also courses in elementary hydraulics and in placer and hydraulic mining are included. Two hours credit, first half-year. Three hours credit, second half-year.

3. **Coal Mining and Mine Plant.**—This is a course of lectures on the mining, development and operation of coal, oil, and gas properties. The course must be preceded by Min. 1 and Min. 2, or equivalent. Lectures, three hours a week, first half-year, with visits to nearby mines.

4. **Mine Management and Accounts.**—This course is planned to give the student an idea of the principles of management of mining enterprises, and reviews methods of organization and accounting, and presents economic problems in connection with mine management. The practice of examination

and reporting is reviewed. Lectures and recitations, three hours a week, second half-year.

5. **Ore Dressing.**—This course presents the principles, methods, and mechanical appliances in use today for crushing, classifying, and concentrating the more important ores, and the washing of coals. Lectures, recitations and laboratory, three hours a week first half-year.

6. **Theoretical Ore Dressing.**—This course is a continuation of Min. 5, and includes a study of the theory of ore dressing. Three hours a week, second half-year.

7. **Technical Abstracts and Technical Problems.**—The student is required to do considerable technical reading, and prepares abstracts of articles appearing in the technical press. Articles are assigned for a weekly conference. Practice is given the student in concisely describing professional subjects, and also in solving problems of common occurrence. Lectures, conferences, and laboratory. Two hours credit. Second half-year.

8. **Mining Assaying.**—This is a course designed to familiarize the student with fire assaying. Assays of gold and silver ores, copper ores and products, lead, silver and gold bullions, cyanide solutions, furnace products, and lead ores are made. Lectures and recitations. Three hours credit. Second half-year.

## SURVEYING

PROFESSOR DAVIS

PROFESSOR HOUSER

PROFESSOR LITCHMAN

MR. WOOLF

1. **Elementary Surveying.**—The adjustment and use of the compass, level, transit and minor surveying instruments. Plane surveying and leveling. Two hours credit each half-year. Professor Davis, Mr. Woolf.

2. **Advanced Surveying.**—Stadia surveying. Measurement and calculation of areas and volumes. Determination of meridian and latitude. City surveying methods. Three hours credit. First half-year. Professor Davis.

3. **Railroad Surveying.**—An elementary course in railroad surveying covering curves, turnouts, "Y" tracks, crossings, earthwork, etc. Recitations and field practice. Three hours credit. Second half-year. Professor Houser.

4. **Mine Surveying.**—Field and office work for an underground survey. Prerequisite course 1. One hour credit. First half-year. Professor Litchman.

# School of Law

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, Ph. D., LL. D.,  
President

ALBERT J. FARRAH, A. M., LL. B.,  
Dean

## FACULTY

ALBERT J. FARRAH, A. M., LL. B.,  
Professor of Law

EDMUND C. DICKINSON, A. B., J. D.,  
Professor of Law

THOMAS B. WARD, A. B., LL. B.,  
Adjunct Professor of Law

JAMES E. MORRISETTE, A. B., LL. B.,  
Adjunct Professor of Law

## HISTORICAL STATEMENT

The school of law of the University of Alabama was first opened in 1845, under the charge of Honorable Benjamin F. Porter. Work in it continued for one year only, when it was closed on account of lack of students. No further action was taken in the matter until 1872, when the present school was organized through the efforts of Honorable Henderson M. Somerville, who was placed in charge of the course of instruction. The course of study at that time covered a period of one year only, and no special academic training was required for admission. In 1897 the course of study was extended to two years. Since 1908 the requirements for admission to the school of law have been the same as in the college of arts and sciences. It is planned to extend the law course to three years in the near future.

It is the purpose of the school of law to prepare its students to practice their profession, and it does this by means of the practical instruction and training it gives them in general legal principles and the art of legal practice. While the

basis of the instruction is the general principles of English and American jurisprudence, particular stress is placed upon the statutory changes and judicial modifications that have been made to the common law in Alabama. This course is pursued in many of the subjects in the curriculum, but it is especially emphasized in pleading, evidence, real property and domestic relations. It is the aim of the law faculty to give such training and instruction as will fit young men for the active duties of the office and the courtroom, and, at the same time, to impress upon them, in the lecture rooms and in private, an exalted idea of the ethics of the profession, without which a knowledge of law is a danger to the individual and to the state.

The superior advantages to be derived from being educated in the state of the student's intended residence are too frequently overlooked, until learned in mature years, when too late. To no one does this truth apply with so much force as to the law student. The acquaintances formed and the friendships cemented by him during a University course pursued in his own state are capable of the most pleasant and profitable utilization.

### ADVANTAGES OF LAW SCHOOL OVER LAW OFFICE

Undoubtedly the great progress in legal education in the United States during the last quarter of a century is shown as much by the increase in numbers and efficiency of the American law schools as by any other means. In 1910 there were 108 law schools and 15,000 students, while in 1880 there were but 43 law schools and 3,000 students. These figures show the confidence of the bench and bar in law schools as an agency in legal education, because at least eighty per cent of those seeking admission to the bar each year are law school graduates. Moreover, it is patent to all that systematic instruction by experienced instructors will result in a more thorough and a more speedy preparation for the bar than can come by "reading law" in a modern law office. The benefits of practical experience by a student in a law office are great, but they are immeasurably increased if the office experience is preceded by a thorough course in the general principles of the law. Each year, in all law schools, an increasing number of students is taking up the study of law as a preparation for a business career, on account of the practical benefits of a knowledge of the law and the discipline gained by its study.



## EQUIPMENT

The school of law occupies the entire third floor of the new Morgan Hall. This gives it lecture rooms, a reading room, a library room, consultation rooms for students, and an office for the dean and other members of the faculty. The building was erected in 1911 and was named in memory of the late lamented John Tyler Morgan. It is heated by hot water and lighted by electricity.

## THE LAW LIBRARY

The law library occupies a large, well lighted, well ventilated and handsomely furnished room, which has on its walls fine oil portraits of Honorable Henderson M. Somerville, the founder of the present school, the late Chief Justice Robert C. Brickell, and Honorable Thomas W. Coleman, a former Associate Justice of the Supreme Court of Alabama. It is hoped that portraits of all of the present and former members of this court may be obtained for the library in the near future.

Law books are the working tools of the practicing lawyer. To teach the student how to use these tools, how to use the digests, encyclopædias, and reports, is as much the proper work of a law school as to teach him the general principles of the law. All books in the library are accessible to all students during library hours, and their course is so arranged that they must become intimately acquainted with the library, the laboratory of the law school, in the performance of their daily work.

The law school is fortunate in possessing a fair working library of about 4,000 volumes, and has on its shelves the following books: Several copies of the Alabama State Reports, Codes and Digests; The Lawyer's Reports Annotated, old and new series, with digests; two sets of American Decisions, American reports and American State Reports, with digests; the English Ruling Cases; Ruling Case Law; two sets of United States Supreme Court Reports, Annotated Statutes digests and Rose's Notes on United States Reports; the Federal Reporter and Federal Cases; a large part of the reports of the National Reporter System; the American Digest System; some of the English Reports and many standard text-books and works of reference.

**The James J. Garrett Library.**—The law library was greatly enriched in 1914 by the generous gift by Honorable James J. Garrett, of Birmingham, Alabama, of his complete private library consisting of more than 1,500 volumes. It is the purpose of the school of law to keep this library intact and to designate it and its continuation as the James J. Garrett Library.

### ADMISSION

All applicants for admission to the school of law as candidates for a degree must be at least nineteen years of age and must satisfy the general entrance requirements of the University, viz.: fourteen units of high school work. Of these fourteen units, three must be in English and two in mathematics; the other nine may be elected at will from the list of subjects on page 52. Admission may be obtained either by certificate from an affiliated school or by examination at the University. Conditions to the extent of two units are allowed as in the college of arts and sciences. For further information see page 51.

### ADMISSION TO ADVANCED STANDING

Applicants who have satisfactorily completed one year of resident work in a law school of good standing maintaining at least a two-year course will be given credit in this school for the subjects so completed, except common law pleading and evidence, upon presenting properly authenticated certificates of such work. But the degree will not be granted to any applicant who has not completed satisfactorily at least twelve hours of work during each of two half-years in this school. *Advanced standing will be given only to such applicants as meet the conditions above set forth.*

### ADMISSION OF SPECIAL STUDENTS

Applicants who are at least twenty-one years of age and who are unable to comply with the entrance requirements in their entirety, may matriculate in the school of law and pursue such courses as the dean of the school of law may consider them able to take to advantage. No such applicant, however, will be enrolled as a candidate for a degree, unless he has satisfied all preliminary requirements for admission to the University, and this not later than the opening of the academic year in which he is an applicant for a degree.

### ADVANTAGES OF LOCATION

The location of the University in Tuscaloosa, the county seat of Tuscaloosa County, affords the law students especial opportunities to observe the procedure of the courts. The United States District Court holds at least two sessions each year at Tuscaloosa and the Tuscaloosa County Court, which has concurrent jurisdiction with the Circuit and Chancery

Courts of the state, is in session during the entire school year. The Circuit and Chancery Courts hold two sessions each during the school year. The Municipal Court of Tuscaloosa and the Justice Courts of the city are open and in session constantly.

### **SPECIAL LECTURES**

In addition to the regular lectures of the school of law, special lectures are given from time to time by prominent members of the bench and bar. Legal ethics and various phases of the practice are thus considered. During the year just closed, the students in the school of law have been addressed by several members of the bench and bar of the state. A similar course of lectures will be arranged for the coming year.

### **DEBATING SOCIETIES**

It is important that those who study law with a view of becoming advocates should give attention to the subject of public speaking. It is a mistake to suppose that excellency in public speaking is simply a gift of nature, and not the result of patient and persistent labor and study.

The Junior Law Forum is a debating society organized and maintained among the law students. Questions of general and special interest to the students as future members of the legal profession are here discussed. An opportunity is also afforded for the study of parliamentary law and drill in parliamentary practice. While the membership and work in this society are limited to students in the school of law, the members of the faculty give all the assistance and encouragement to the work that is possible.

### **COMBINED COURSE IN ARTS AND LAW**

Seniors in the college of arts and sciences are permitted to elect, as part of the requirements for graduation in that college, courses from the first year's work in the school of law to an amount not exceeding ten hours. Special fees are charged for such courses, the amount of the fee being determined by the number of hours taken.

### **UNIVERSITY PRIVILEGES**

The advantages of the other departments of the University are open to such students in the school of law as desire and are able to utilize them. Courses in constitutional and po-

litical history, political economy, logic, and rhetoric are particularly recommended to law students. No extra charge is made for such courses.

## THE COURSE OF STUDY

The course of study in the school of law is a graded one and covers a period of two years of thirty-six weeks each, exclusive of vacations. The academic year is divided into two half-years of eighteen weeks each. The following is a description of the different subjects in the course, the time given to each and the text-books used:

### JUNIOR YEAR

#### FIRST HALF-YEAR

**Elementary Law:** This course involves a study of the elementary principles of the law. Text-book: Robinson's Elementary Law, First Edition. Four hours a week. Professor Dickinson.

**Contracts:** Nature of contract; offer and acceptance; form and consideration; capacity of parties; reality of consent; legality of object; operation, interpretation and discharge of contract; remedies for breach of contract; quasi contracts. Text-books: Clark on Contracts, Huffcut and Woodruff's Cases on Contracts and Civil Code of Alabama. Five hours a week. Professor Farrah.

**Torts:** History and definition; elements of torts; conflicting rights; parties to tort actions; remedies and damages; conflict of laws; method of discharge; false imprisonment; malicious prosecution and abuse of process; conspiracy; slander and libel; trespass; conversion; deceit; nuisance and negligence. Burdick on Torts, Burdick's Cases on Torts and Civil Code of Alabama. Four hours a week. Professor Dickinson.

**Criminal Law:** Nature of crime; common law and statutory offenses; mental elements in crime; insanity, intoxication, infancy, coercion, ignorance and mistake, as bearing on exemption from responsibility; necessity, justification, agency, consent, condemnation, and contributory acts; principals and accessories; classification and study of particular crimes; former jeopardy. Text-books: Clark on Criminal Law, selected Alabama Cases and Criminal Code of Alabama. Two hours a week. Professor Ward.



## SECOND HALF-YEAR

**Bailments and Carriers:** Nature and classification of bailments; rights and liabilities of parties; inn-keepers; liability, discrimination, compensation, and lien of carriers; duty of carriers of passengers to accept passengers; their accommodation, ticket, ejection and personal injuries; actions against carriers. Text-books: Goddard's Bailments and Carriers, Goddard's Cases on Bailments and Carriers and Code of Alabama. Two hours a week. Professor Dickinson.

**Domestic Relations:** This course considers thoroughly the law of husband and wife, parent and child, guardian and ward, infancy, persons *non compos mentis* and aliens. Text-books: Long's Domestic Relations, Cooley's Cases on Domestic Relations and Civil Code of Alabama. Two hours a week. Professor Ward.

**Sales:** Sale and contract to sell; statute of frauds; illegality; conditions and warranties; delivery; acceptance and receipt; vendor's lien; stoppage in transitu; bills of lading; remedies of seller and buyer. Text-books: Tiffany on Sales and Cooley's Cases on Sales. Two hours a week. Professor Dickinson.

**Common Law Pleading:** Definition and classification of actions; proceedings in an action; analysis of the declaration; Stephen's rules of pleading. Text-books: Shipman's Common Law Pleading and Code of Alabama. Four hours a week. Professor Farrah.

**Equity Jurisprudence 1:** Origin and history of equity jurisprudence; general maxims of equity; equitable estates, interests and primary rights, including an exhaustive study of trusts and the rights, powers, duties and liabilities of trustees. Text-books: Fetter's Equity Jurisprudence and Throckmorton's Cases on Equity Jurisprudence. Two hours a week. Professor Farrah.

**Agency:** Definitions and distinctions; purposes for which the relation of agency may be created, and how; who may be principal and agent; evidence of the existence of the relation; ratification; delegation of authority by agent; termination; nature and extent, construction and execution of the authority; rights, duties and liabilities of agent, principal and third person, the one to the other; particular classes of agents. Text-books: Mechem's Outlines of Agency and Mechem's Cases on Agency. Two hours a week. Professor Dickinson.

**Criminal Procedure.**—Apprehension of persons and property; preliminary examination; bail and commitment; mode of accusation; time of prosecution; nolle prosequi; pleading, proof and variance; motion to quash; arraignment; demurrer and pleas of defendant; trial and verdict; proceedings after verdict; evidence; habeas corpus. Text-books: Criminal Code of Alabama and selected Alabama Cases. One hour a week. Professor Ward.

## SENIOR YEAR

### FIRST HALF-YEAR

**Equity Jurisprudence II:** Accident, mistake and fraud; the remedies of specific performance, injunction, rescission and cancellation; notice; bona-fide purchasers; equitable doctrines of estoppel, election, satisfaction, conversion and reconversion. Text-books: Fetter's Equity Jurisprudence and Throckmorton's Cases on Equity Jurisprudence. Two hours a week. Professor Farrah.

**Corporations:** Nature of a corporation; creation and citizenship of corporations; the corporation and the state; dissolution of corporations; membership in corporations; management of corporations; creditors of corporations, including their rights and remedies; foreign corporations. Text-books: Canfield and Wormser's Cases on Private Corporations, Civil Code of Alabama and selected Alabama Cases. Three hours a week. Professor Dickinson.

**Equity Pleading:** Nature and object of pleading in equity; parties to a suit in equity; proceedings in a suit in equity; bills, disclaimers, demurrers and answers in a suit in equity. Text-book: Sims Chancery Practice. Two hours a week. Professor Ward.

**Evidence:** Rules as to admission and exclusion of evidence; judicial notice; parol evidence rule; burden of proof and right to open and close; competency and examination of witnesses; production of documents, persons and things; direct examination, cross examination and re-direct examination. Text-books: Reynolds' Theory of Evidence, Wigmore's Cases on Evidence and Civil Code of Alabama. Four hours a week. Professor Morrisette.

**Alabama Pleading and Practice:** In this course the pleading and practice prevailing in Alabama at law are care-

fully considered through an exhaustive study of the Civil Code of Alabama and the rules of practice laid down by statute and by the Supreme Court. Two hours a week. Professor Ward.

**Practice Court:** This course continues one hour a week throughout the year. Professor Ward and Professor Farrah.

**Damages:** General principles; different kinds of damages; pleading and practice; breach of contract for sale of goods; actions against carriers; death by wrongful act; wrongs affecting real property; damages in tort actions; breach of promise to marry. Text-book: Mechem and Gilbert's Cases on Damages. Two hours a week. Professor Farrah.

#### SECOND HALF-YEAR

**Code of Alabama:** This course is designed to take up and consider in a regular and systematic way the statutory changes that have been made in the common law in Alabama in each subject in the curriculum of the law school. Two hours a week for the second half-year. Professor Morrisette.

**Partnership:** Definitions and classifications; what constitutes a partnership; contract of partnership; firm name and good will; capital of firm; partnership property; rights and liabilities of partners among themselves and as to third persons; actions; dissolution; limited partnerships. Text-books: Mechem's Elements of Partnership and Mechem's Cases on Partnership. Two hours a week. Professor Ward.

**Real Property:** In this course attention is given to the different estates in real property both corporeal and incorporeal, in possession or in expectancy, whether in fee, for life or for years, and remainders, executory limitations, dower and courtesy, as well as the modes of creating and transferring the different estates in real property. Liens on real property also receive careful attention. Text-books: Tiffany on Real Property, the Civil Code of Alabama and selected Alabama Cases. Four hours a week. Professor Morrisette.

**Bills and Notes:** Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, endorser, vendor, accommodator, assurer; proceed-

ings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws. Text-books: Ogden on Bills and Notes, Civil Code of Alabama and selected Alabama Cases. Two hours a week. Professor Dickinson.

**Federal Constitutional Law:** United States and the States; establishment and amendment of the constitution; construction and interpretation of the constitution; three departments of government; Federal jurisdiction; powers of Congress; establishment or republican form of government; executive, judicial and legislative powers of the States; police power; power of taxation; right of eminent domain; civil rights, and their protection by the constitution; political and public rights; constitutional guarantee in criminal cases; laws impairing the obligation of contracts; retroactive laws. Text-books: Cooley's Principles of Constitutional Law and Boyd's Cases on Constitutional Law. Two hours a week. Professor Farrah.

**Wills and Administration:** Testamentary capacity and intent; wills distinguished from other dispositions of property; kinds of wills and testaments; execution, revocation, republication and revival of wills; grant and revocation of probate and of administration; payment of legacies and distributive shares. Text-books: Costigan's Cases on Wills, Civil Code of Alabama and selected Alabama Cases. Two hours a week. Professor Dickinson.

**Bankruptcy:** This course is designed to give a careful study of the Federal Bankruptcy Act of 1898 and amendments thereto and some leading cases construing the several bankruptcy statutes. Practical instruction in the conduct of proceedings in bankruptcy will be given. Text-book: Student's Remington on Bankruptcy. One hour a week. Professor Dickinson.

### THE PRACTICE COURT

Thoroughly organized practice courts are regular features of the course of instruction in the second year. Weekly sessions of the court will be held under the charge of some member of the faculty. The object of this course is to give the student practical instruction in pleading and practice at law and equity, in Alabama, and experience in the preparation and trial of causes. The work is arranged as follows:



First—Cases arising upon prepared statements of fact are assigned to the senior students, upon which they are to determine what proceedings to bring and how to bring them. They are then to issue, serve and return the proper process and prepare the pleadings and bring the case to an issue. Each student must take part in one case at law and one in equity. A case is first heard on the sufficiency of the form and structure of the pleadings, and, when these are approved, the issue is tried and decided, the students acting as attorneys on each side, drawing the order, judgment or decree they deem themselves entitled to obtain.

Second—In the second class of cases in the practice court, actual controversies are arranged and assigned for trial as issues of fact. After determining what action to bring, the students assigned to the case are required to issue the proper process and prepare and file the necessary pleadings, subpoena the witnesses, select the jury, examine and cross-examine the witnesses and argue the case to the jury. Each student is required to participate in the trial of one civil or one criminal case.

### RECORDS AND GRADES

The passing grade for juniors is D and for seniors C. In determining these grades, the grades received in daily recitation and the hour examinations are combined with those received on final examinations.

Grades are indicated by letters which have value, on a scale of 100, as follows: A, 90-100; B, 80-90; C, 70-80; D, 60-70; E, 50-60; F, 0-50.

### CONDITIONS AND FAILURES

A senior receiving grade D in any subject is conditioned, and a junior receiving grade E in any study is conditioned. A junior who receives grade F in any study is regarded as having failed completely in that study, and in order to receive credit for it, must take it over in class. A senior who has received grade E in any study is regarded as having failed completely in that study, and, in order to receive credit for it, must take it over in class.

Examinations for the removal of conditions will be held as follows:

(a) For the removal of conditions received at any period of the course, an examination will be held on Monday and Tuesday preceding the opening of school, in September.

(b) For the removal of conditions received at any period of the course, an examination will be held on the last Thursday and Friday in February. At this examination a student is not permitted to attempt to remove more than two conditions.

(c) For the removal of conditions received during the first or second half of the senior year, an examination will be held on Thursday and Friday preceding Commencement.

### PRIZES

#### OLIVER PRIZE.

Mr. W. B. Oliver has offered an annual prize of \$25.00 to be awarded each year by the law faculty to a student of the senior class, on such terms and conditions as may be determined by the law faculty.

#### AMERICAN LAW BOOK COMPANY PRIZE

The American Law Book Company has generously offered a set of the student edition of the Encyclopædia of Pleading and Practice to be awarded each year by the law faculty to a student of the junior class, on such terms and conditions as may be determined by the law faculty.

#### CALLAGHAN AND COMPANY PRIZE

Callaghan & Company, the law book publishers of Chicago, have provided an annual prize of one copy of the Cyclopedic Law Dictionary to be awarded each year by the law faculty to a student in the junior class, on such terms and conditions as may be determined by the law faculty.

#### CERTIFICATE OF ATTENDANCE

Each student who has been in regular attendance in the school of law for at least one half-year may, on application to the faculty, receive a certificate of such attendance, indicating the amount and quality of work done by him.

### DEGREE

The degree of Bachelor of Laws (LL.B.) is conferred upon those students who satisfactorily complete the course of study, as previously outlined. Students admitted to one year of advanced standing may, if they do satisfactorily the work as prescribed by the rules of the school of law, receive the degree after one year's residence. In no case, however, will the degree be granted unless the candidate is in actual residence during all of the senior year.

### ADMISSION TO THE BAR

A special statute authorizes the graduates of the school of law to be admitted, without examination or other conditions, on motion in the Supreme Court, to practice in all the courts of Alabama. Such graduates are also admitted, on motion, to practice in the United States District and Circuit Courts in this state.

### DISCIPLINE

Students in the school of law are subject to the same discipline as students in the other colleges of the University. Rules are few, simple, and reasonable. The honor system prevails and, so long as students do the work required and conduct themselves in a becoming manner, they are free to come and go at will. The aim is self-government.

### EXPENSES

The expenses of the law students for the full session of thirty-six weeks are as follows:

Room rent, fuel, lights, water and attendance -----	\$ 36 00	\$-----	\$-----
Library -----	3 00	3 00	3 00
Incidental -----	3 00	3 00	3 00
Gymnasium -----	3 00	3 00	3 00
Medical attention -----	6 00	6 00	(Opt.)
Tuition -----	75 00	75 00	75 00
Total -----	\$126 00	\$ 90 00	\$ 84 00
Amount each term -----	42 00	30 00	28 00

For convenience of students, the session is divided into three fiscal terms of twelve weeks each, and one-third of these charges is payable at the beginning of each term. Those students whose homes are in Tuscaloosa are not required to pay the surgeon's fee, but may do so if they desire the services of the surgeon.

Students not rooming in the dormitories can secure table board in the University dining-room at \$12.00 a month. Those who room in the dormitories and take meals elsewhere are charged \$4.00 each scholastic month for room rent.

For a catalogue of or for other information in reference to the law school, address

PRESIDENT GEORGE H. DENNY,  
or DEAN A. J. FARRAH.

# School of Medicine

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph.D., LL.D.-----President  
EUGENE DUBOSE BONDURANT, M. D., LL.D.-----Dean

## FACULTY

EUGENE DUBOSE BONDURANT, M. D., LL.D.,  
Professor of Nervous and Mental Diseases  
TUCKER HENDERSON FRAZER, B. E., M. D.,  
Secretary-Treasurer and Professor of Obstetrics  
WILLIAM HENRY SANDERS, A. M., M. D.,  
Emeritus Professor of Ophthalmology and of State Medicine  
CHARLES A. MOHR, Ph.G., M. D.,  
Professor of Hygiene and Preventive Medicine  
HENRY ALTAMONT MOODY, M. D., LL.D.,  
Professor of Therapeutics, Materia Medica and Pharmacognosy  
WILLIAM RICHARD JACKSON, M. D.-----Professor of Surgery  
JAMES FRANCIS HARRISON, M. D.-----Professor of Chemistry  
WILLIAM FOWKE RAVENEL PHILLIPS, M. D.----Professor of Anatomy  
TOULMIN GAINES, M. D.,  
Professor of Histology, Embryology and Dermatology  
FRANK LEROY HALEY, Ph.G., M. S.,  
Professor of Physiological Chemistry  
PAUL JEROME MORRIS ACKER, A. M., M. D.,  
Professor of Operative Surgery  
ALFRED EDWARD THAYER, M. D.,  
Professor of Pathology and Bacteriology  
ANDREW HOWARD RYAN, M. D.,  
Professor of Physiology and Pharmacology  
JAMES H. AGNEW, A. M., M. D.-----Professor of Medicine  
PERCY JOHN HOWARD, A. B., M. D. ....Associate Professor of Surgery  
HERBERT PHALON COLE, A. M., M. D.,  
Associate Professor of Gynecology  
ALFRED EDWARD MAUMENEE, M. D.,  
Associate Professor of Ophthalmology



JOHN OSGOOD RUSH, B. S., M. D.,

Associate Professor of Genito-Urinary Surgery

RUFFIN ASHE WRIGHT, A. M., M. D.,

Associate Professor of Laryngology, Otology and Rhinology

MARION JOSEPH BANCROFT, B. S., M. D.,

Assistant Professor of Obstetrics

LEE WRIGHT ROE, M. D.....Instructor in Physical Diagnosis

GILMAN JOSEPH WINTHROP, A. B., M. D.....Instructor in Surgery

ROBERT CLARENCE JONES, A. B., M. D.....Instructor in Surgery

EMIT LUTHER McCAFFERTY, M. D.....Instructor in Clinical Psychiatry

EUGENE THAMES, M. D.....Instructor in Operative Surgery

ERNEST SAMUEL FEAGIN, M. D.....Instructor in Surgery

JOSEPH SCHWARZ, B. S., M. D.....Instructor in Medicine

JAMES JESSE PETERSON, M. D.,

Instructor in Materia Medica and Therapeutics

EDWARD STILLMAN SLEDGE, B. S., M. D.,

Instructor in Medicine and Radiography

For a list of assistants and special lecturers see "University Faculty," page 5.

## GENERAL STATEMENT

The 50th session of the school of medicine will begin September 30, 1915, and continue till June 7, 1916.

The University of Alabama, with the exception of its school of medicine, is at Tuscaloosa. The school of medicine is located at Mobile.

In 1859, a charter was issued by the Probate Court of Mobile county, incorporating the "Alabama Medical College." The first session began Tuesday, November 15, 1859, in a rented building, the location and identity of which is not now ascertainable. During this session a special charter was granted by the state legislature reincorporating the school as "The Medical College of Alabama" and constituting it a department of the State University, but under the control of its own board of trustees. At the same time an appropriation of \$50,000 was made by the legislature for the purchase of a suitable lot and in the erection of the necessary buildings. This sum was supplemented by \$25,000 subscribed by Mobile citizens, and with this amount the present site was purchased, the main building erected and the original equipment obtained.

Educational work was suspended in 1861 as a result of the outbreak of the civil war. At the close of the war in 1865, the school was occupied for some time by the federal troops, and later by the Freedmen's Bureau, much to the detriment of both building and equipment. When the school was finally restored to its trustees, it was repaired and re-equipped as well as the circumstances would permit and re-opened to students in 1868. The state made an appropriation of \$9,750 in 1871 and another of \$7,500 in 1888 for repairs and apparatus, and another appropriation of \$10,000 in 1891, for like purposes. And again in 1907 an appropriation of \$45,000 was made for needed additions to both building and equipment.

Prior to 1907 the "Medical College of Alabama," though always potentially, and during the last decade of years nominally, a part of the University, was not so in reality. It was controlled and governed by its own board of trustees. But in 1907, by virtue of an act of the legislature the "Medical College of Alabama" passed over actually to the University and to the control of its board of trustees and became the school of medicine of the University. The present relation of the school of medicine to the University is that of the part to the whole, and is definite and absolute, thus insuring the conduct of the medical educational work along true university lines and ideals.

#### STATE APPROPRIATION

In 1907 the state appropriated \$5,000 annually for the maintenance of the school of medicine, and in 1911 it increased this appropriation to \$30,000 annually.

#### BUILDINGS AND FACILITIES

The school of medicine is located on the square bounded by St. Anthony, Lawrence, State and Cedar streets. The main building is four stories high, has a frontage of 90 feet and a depth of 95 feet. The entrance faces south on St. Anthony street. Two one-story wings adjoin the north side of the main building, each 23x49 feet. A two-story wing 30x80 feet adjoins the east side. There is also a detached frame building 16x30 feet in the rear of the main building. The main building contains the anatomical, chemical, bacteriological and pathological and histological laboratories, the museum, library, and four lecture rooms. The physiological laboratory is in the east wing. The detached frame building is for animals and animal experimentation.

The hospital facilities comprise the City hospital, the City dispensary, the Alabama Maternity and Infant home, the State hospital at Mt. Vernon, and by courtesy of the surgeon general of the United States Public Health and Marine Hospital Service, and of the local commanding officer, the hospital of that service in Mobile.

#### LABORATORIES

There are six separate laboratories, as follows: The laboratory of anatomy, of chemistry, of physiology, of histology, of bacteriology and pathology, and of animal experimentation. Each laboratory has the necessary store and preparation rooms, and except the animal experimentation laboratory, each has office rooms for the professor in charge and assistants. The equipment and furnishings are those usual to such laboratories, and comply in these respects with the requirements of the Association of American Medical Colleges and the recommendations of the Council on Medical Education of the American Medical Association.

#### LIBRARY

The library owes its beginning to the gift of the medical library of the late Dr. George A. Ketchum, for many years professor of the theory and practice of medicine and dean of the school of medicine. During the session of 1911-12 the library gained a large accession in the shape of the professional library of its late dean, Dr. Rhett Goode. Gifts have been received from Dr. J. G. Michael and others. With the session of 1912-13 an annual appropriation for the purchase of new books and current medical journals and periodicals went into effect.

The library is in charge of a librarian and two assistants, and is open daily during the day and from 7 p. m. to 10 p. m., Sundays and holidays excepted, throughout the session.

#### MUSEUM

Originally the museum was fully equipped in every detail. It suffered greatly, however, from the occupation of the building by the federal troops and later by the Freedmen's Bureau. While new specimens are added as occasion presents, the general policy, however, is towards developing working and teaching museums in immediate connection with the laboratories and clinical departments, and only duplicate or excess specimens, or specimens more cu-

rious than instructive, will be kept hereafter in this museum.

#### ADMISSION

On and after January 1, 1915, no applicant will be admitted for the degree of doctor of medicine who has not satisfactorily completed the sophomore year of the college of arts and sciences of the University, or of some other recognized institution of equivalent grade, including one year of college physics, biology, and a modern foreign language, and two years of college chemistry.

Applicants will be admitted without examination upon presenting any one of the following, viz: (a) a diploma conferring the degree of A. B., or B. S., or equivalent, from an approved educational institution of collegiate or higher grade; (b) a certificate showing the satisfactory completion of the sophomore year's work of the college of arts and sciences or of that of another college or educational institution of equivalent grade; provided, however, that the work represented by the diploma or the certificate includes the required work in physics, chemistry, biology, and a modern foreign language.

The preliminary educational requirements must be satisfied in full before admission. No condition in preliminary educational requirements can be carried into the school.

The state board of medical examiners of Alabama will require on and after January, 1919, that every applicant for license to practice medicine in Alabama shall have had, before beginning the study of medicine, two years of collegiate training, including courses in physics, biology, chemistry, and a modern foreign language—in fact to all intents the same preliminary training that will go into effect for admission to the school of medicine of the University in 1915.

Students contemplating the study of medicine will therefore, perceive how vitally important a matter is this item of preliminary educational qualification for the professional degree of M. D.

#### COMBINED COURSES B. S.—M. D.

Recognizing the broad educational foundation demanded for the professional degree of M. D. and the general educational value of the work of the first two years of the medical curriculum, the University offers the degrees of B. S. and M. D. to such students as successfully complete



two years' work in the college of arts and sciences and the four years of the medical curriculum of the school of medicine. The work prescribed for the two years spent in the college of arts and sciences is as follows:

FIRST YEAR		SECOND YEAR	
Biology .....	4 hours	Biology .....	4 hours
Chemistry 1.....	4 hours	Chemistry .....	4 hours
English 1.....	3 hours	English or Psychology..	3 hours
		Modern language or	
Mathematics 1 and 2....	3 hours	Psychology .....	3 hours
Modern Language A or 1,	3 hours	Physics 1 .....	4 hours
<hr/>		<hr/>	
17 hours		18 hours	

The B. S. degree is awarded upon the completion of the second year of the medical curriculum, or on the completion of four years' work in the University, and the M. D. degree upon the completion of the four years' work of the medical curriculum.

By this arrangement the two degrees may be obtained in six years.

#### ADVANCED STANDING

Advanced standing will be granted only to those applicants who present certificates or credentials from other accredited schools of medicine showing that equivalent courses to those for which credit and advanced standing is asked have been duly and satisfactorily completed therein by the applicants; that the preliminary educational qualifications were satisfied and were equivalent to those required by this school, and that there are no reasons or objections to the admission of the applicants to advanced standing in this school. This school reserves the right to require, if deemed necessary, such applicants to take and pass examination in all subjects for which advanced standing is asked. Under no condition will any discrimination in requirements for advanced standing be made in favor of applicants from other schools as against the students of this school.

#### ADMISSION TIME LIMIT

In order that the time of study shall count as a full year all students entering for the session of 1915-16 must be registered and in attendance within four days after the day of opening of the school.

## SPECIAL STUDENTS

Applicants not candidates for the degree of M. D., who may desire to pursue work in any course or courses offered in the school may be admitted as special students without submitting evidence of the preliminary educational requirements prerequisite for candidates for the degree of doctor of medicine. But neither work nor time spent as such special students can be subsequently credited to that required for the degree of M. D. Information regarding the fees incident to the several courses will be furnished upon application to the dean.

## INSTRUCTION

For the purpose of instruction students are grouped into four classes, according to the date and conditions of their admission and their proficiency and progress in their studies. Students are not permitted to advance from a lower to a higher class until all the conditions prescribed for advancement have been satisfactorily complied with.

TABLE SHOWING THE HOURS DEVOTED TO THE SEVERAL SUBJECTS OF THE CURRICULUM

SUBJECT	First Year. Hours	Second Year. Hours	Third Year. Hours	Fourth Year. Hours	Total Hours
Anatomy.....	527	64			591
Histology and Embryology.....	244				244
Chemistry, Organic.....	75				75
Chemistry, Physiological.....	187				187
Physiology.....		286			286
Pharmacology.....		130			130
Bacteriology.....		135			135
Pathology.....		345	64	30	439
Materia Medica and Therapeutics.....		96	32		128
Physical Diagnosis.....		32	64		96
Laboratory Diagnosis.....			96		96
Practice.....			128		128
Ward Clinics.....				96	96
Ward Work.....				232	232
Dispensary Work.....				64	64
Nervous and Mental Diseases.....			16	136	152
Pediatrics.....			64	32	96
Tropical Diseases.....				32	32
Dermatology.....				80	80
Hygiene and Preventive Medicine.....			64		64
Legal Medicine.....				16	16
Radiography.....			16		16
Obstetrics.....			128	32	160†
Gynecology.....			64	64	128
Surgical Technique.....		32			32
Surgery.....			128		128
Clinics.....			64	96	160
Ward Work.....				176	176
Dispensary Work.....				64	64
Operative Surgery.....			96		96
Genito-Urinary Diseases.....			16	64	80
Ophthalmology.....				64	64
Larynology.....				64	64
Total.....	1033	1120	1152	1294	4599

†—Obstetrics. Practical obstetrics, time depends upon number of cases and cannot be definitely determined. Each student required to assume complete charge of not less than six cases.

### FACILITIES FOR CLINICAL INSTRUCTION

The following institutions are accessible for and utilized in clinical instruction:

(1) The City Hospital, St. Anthony street, between Jefferson and Broad streets.

(2) The Alabama Maternity and Infant Home, St. Anthony street, opposite the City Hospital.

(3) The United States Marine Hospital, St. Anthony street, between Bayou and Jefferson streets.

(4) The City Dispensary, formerly in the medical school building, now at the City Hospital, entrance on Broad street, between St. Anthony and Congress streets.

(5) The Mount Vernon Hospital for the Insane, Mount Vernon, Ala.

**The City Hospital:** The City Hospital is less than five minutes' walk from the school of medicine. It has 150 charity beds, all available for clinical instruction.

The members of the visiting staff of the hospital are selected by the faculty of medicine from its members and the medical control of the institution is in all its details under the direction of the school of medicine.

**The Alabama Maternity and Infant Home:** This institution is on the opposite side of the street to the City Hospital. It contains accommodation for forty maternity cases and for an equal number of infants and children under five years of age. This home is maintained by the Sisters of Charity as a charitable institution. The obstetrical and pediatric staff of this institution are chosen from the faculty of the school of medicine, so that the clinical facilities of this institution are altogether available and accessible to students of the school of medicine.

**The U. S. Marine Hospital:** This hospital, situated on St. Anthony street, immediately east of the City Hospital, is by the courtesy of the Surgeon-General of the U. S. Public Health and Marine Hospital Service, available for clinical instruction. The commanding officer, Dr. John T. Burkhalter, is Lecturer on Tropical Diseases, and uses the wards of this institution in giving clinical instruction in these diseases.

**The City Dispensary:** The City Dispensary occupies the basement floor of the new pavilion recently added to the



City Hospital. It contains waiting rooms for examination and treatment of patients. During the year just ended there were more than 13,500 visits and treatments given in the dispensary. The staff of the dispensary is composed entirely of professors and instructors of the school of medicine, and all cases are used for clinical instruction.

**The Mount Vernon Hospital:** The Mount Vernon Hospital for the colored insane is at Mount Vernon, 28 miles from Mobile. Fourth year students are assigned in sections to this hospital for clinical instruction in the various forms of mental diseases. There are more than 700 patients always in this institution.

### REQUIREMENTS FOR GRADUATION

Every candidate for graduation must be of good moral character, including a record of good conduct while a student in the school, and must have attained the age of 21 years. He must have attended in a regular and accepted medical school four full academic years, the last academic year of which must have been in this institution, and he must have satisfactory or passing grades in all courses of study embraced in the curriculum of this school, that is, he must have passed satisfactorily in each and every subject in each and every year in which the subject was given and examination taken. In case of a candidate taking only his final year's work in this school, satisfactory examinations must be passed in every subject of the fourth year of this school, even though he may have passed in the same subject or subjects in some other school.

All fees, including the graduation fee, must have been paid. He must present himself at the commencement exercises. The degree will not be conferred in the absence of the candidate unless such absence has been sanctioned by the faculty.

The degree will not be conferred on any candidate whose conduct during the course has been unsatisfactory to the faculty.

A candidate for graduation failing to pass in any subject or subjects of the fourth year, may appear for re-examination for graduation at the regular examination period in September, and if successful in passing the subject or subjects in which he failed, together with any subject or subjects of the fourth year in which he received a grade of less than B, may receive his degree and diploma at such time and in such manner as the faculty may determine.

**FEEs**

The fees and other charges made by the school for the regular course leading to the degree of doctor of medicine are as follows:

First Year:	Tuition, including all charges except those stated below-----	\$155 00
Second Year:	Tuition, including all charges except those stated below-----	150 00
Third Year:	Tuition, including all charges except those stated below-----	150 00
Fourth Year:	Tuition, including all charges except those stated below-----	150 00

Special charges are as follows:

(1) A contingent fee of \$5.00 is required annually of every student to cover damage or loss to property or apparatus of either the school of medicine or the hospitals. This fee less any deductions therefrom on account of such damage or loss is returned to the student at the close of the session. If at any time during the session this fee be reduced to \$2.50 by charges against it, the student will be required to make a deposit sufficient to raise it to \$5.00.

(2) A microscope rental fee of \$5.00 is charged annually for the use of a microscope. The payment of this fee entitles the student to the use of one of the school's microscopes in the courses in which these are required. A student furnishing his own microscope is not charged this fee. Students may purchase from the school microscopes at cost, and at a considerably lower price than the same instruments could be purchased from dealers. Students so purchasing will be permitted to credit their microscope rental fees as part of the purchase price. As microscopes are used during the four years, this would amount to \$20.00 towards the purchase of a \$55 to \$75 instrument, as the case might be.

(3) A diploma fee of \$25.00 is required of all graduates. This fee must be paid not later than thirty days before the date of graduation. This fee is returned in full in case of failure to graduate.

**FEEs FOR SPECIAL COURSES**

Special course students are charged fees according to the courses taken and the materials used. As these courses

may vary greatly according to the wants of each student, it is not practicable to schedule the charges specifically. Generally stated, the average cost of a special course in any subject will not exceed \$50.00 nor fall under \$30.00. A combination of two or more separate courses will not be as expensive as that indicated by the charges for a single course. Students and others desiring special courses will be given detailed information upon request to the dean.

Graduates of this school are permitted to attend as auditors all lectures and clinics free of charge, provided that at the clinics their presence does not interfere with the students' opportunities for instruction nor with the general convenience of the clinicians.

Graduates of this school desiring to attend in the capacity of post-graduates will be required to pay one-half the regular charges made for a regular course, or special course, or courses, as the case may be. Information relative to these charges will be furnished upon application to the dean.

#### PAYMENT OF FEES

All fees and other charges are payable in advance as follows:

One-half of the tuition fee and all the contingent fee of \$5.00 and the microscope rental of \$5.00 must be paid on the day of registration. The other half of the tuition fee must be paid on or before January 31, and without presentation of bill therefor.

#### STATE SCHOLARSHIPS

It is provided in the act establishing the medical college that one student from each county in the state be granted free tuition, which at present is equivalent to a deduction of \$75.00 from the charge stated on page 140. Each student must obtain from the probate judge and commissioners of roads and revenue in the county in which he resides, certificates that he is without means of procuring a medical education, that he is worthy, both by character and preliminary education, of such scholarship, and he must present the same to the dean when making application for admission. Any student applying for admission under this scholarship provision must satisfy all admission requirements, by certificate, diploma, or examination, before he can be enrolled as a student. For educational admission requirements, see page 134. Students participating in the

benefits of this provision are unknown as such, except to the faculty.

Students receiving such appointment have the privilege of its renewal for four years, or until they receive their diplomas, provided the conditions under which they are appointed remain unchanged during that time, and also that they maintain a satisfactory grade in all their studies. Under no circumstances will two beneficiaries from the same county be received during the same session.

### PRIZES, HONORS AND APPOINTMENTS

**The Honor Roll:** The names of those members of graduating class who during the four years of study attain an average of 90 per cent. or over are placed upon the honor roll of the University, which is read at the commencement exercises and published in the annual catalogue.

**The Bush Prize:** The interest on one thousand dollars (\$1,000.00), given by the late Hon. J. Curtis Bush, of Mobile, is used each year in the purchase of a case of surgical instruments or other suitable prize, which is awarded to that member of the graduating class who during the four years of the medical course attains the highest standing.

**The Rhett Goode Prize:** Established by Mrs. Rhett Goode in memory of her husband, the late Dr. Rhett Goode, a member of the faculty and for many years dean of the school. This prize is awarded to the member of the graduating class who during the four years attains the second highest standing.

**The Rush Prize:** This prize is given by Associate Professor John O. Rush to the student in the fourth year class having the highest general average in the subject of genito-urinary diseases.

**Appointments:** The following appointments are made annually from members of the graduating class:

Resident Physician (two), City Hospital, Mobile.

Resident Physician, Providence Infirmary, Mobile.

Resident Physician, Southern Infirmary, Mobile.

Resident Physician, St. Margaret's Hospital, Montgomery.

Resident Physician, State Tuberculosis Hospital, Wetumpka, Ala.

Resident Physician, Mobile Infirmary.

Three Medical Internes, Alabama Insane Hospitals at Mount Vernon and Tuscaloosa.



### STUDENT MEDICAL SOCIETY

The George A. Ketchum Medical and Surgical Society is a student organization founded in 1909 and named in memory of the late Dr. Ketchum, one of the founders of the school and professor of medicine from 1859 to 1906. The society meets every Friday night during the academic session, for the reading and discussing of papers prepared by its members. The object of the society is to stimulate individuality and independence of thought in medical science and at the same time to familiarize its members with the customs and government of parliamentary bodies.

### ALUMNI ASSOCIATION

This association was organized in March, 1910. Its object is to advance the interests and influence of the school of medicine of the University by the promotion of sentiments of amity and brotherhood among its graduates, and to use all efforts toward elevating the standards of medical education and professional ethics.

All graduates of the school of medicine are eligible to membership upon the payment of the annual dues—one dollar.

It is earnestly hoped that every alumnus of the school will communicate with the secretary and actively co-operate in this work.

The officers of the year 1915 are as follows:

President—W. R. McKinley, M. D., Columbus, Miss.

First Vice-President—Walter Fudge, M. D., Lamison, Ala.

Second Vice-President—W. M. Salter, M. D., Repton, Ala.

Secretary-Treasurer—P. J. Howard, M. D., Mobile, Ala.

Annual Orator—R. C. Macy, M. D., Bayou la Batre, Ala.

The annual meeting is held the day before commencement.

### GENERAL SUMMARY OF EXPENSES

The expenses incident and essential to a course of medicine depend largely upon the student's own means and inclinations. The average may be taken as follows:

	First Year	Second Year	Third Year	Fourth Year
Tuition, including all charges of every kind by the school-----	\$160 00	\$155 00	\$155 00	\$175 00
Cost of books, instruments and other necessary incidentals -----	50 00	45 00	50 00	40 00
Cost of board and lodging, including laundry for 8½ months-----	190 00	190 00	190 00	190 00
Total cost -----	\$400 00	\$390 00	\$395 00	\$400 00
Less refund of contingent fee averaging for each year -----	4 00	4 00	4 00	4 00
Net cost -----	\$396 00	\$386 00	\$391 00	\$396 00

Students are required to supply themselves with certain things needed from time to time during the course. In the first year every student must provide himself with a dissecting set of the kind required, with microscope slides and cover slips, note books, etc. In the other years articles of other kinds are required. The cost of all these incidentals and necessities has been taken into consideration in the estimate of expenses just given above.

Students upon their arrival in the city should call at the office of the dean at the school building on St. Anthony street between Cedar and Lawrence streets, where they will be given information relative to suitable board and lodging houses. Board, including lodging, fires and lighting, can be obtained for from \$18.00 to \$25.00 per month.

**The Young Men's Christian Association:** The Young Men's Christian Association of the medical school of the University was organized in the lecture hall of the Young Men's Christian Association of Mobile, March 9, 1910. The association conducts a prayer meeting for the students every Saturday at 7:30 p. m. The privileges of the city association are given students during the college session for \$6.00. These privileges include use of the reading room, library, social rooms, gymnasium, baths, swimming pool, etc.

For catalogue and other information, address

THE DEAN,

School of Medicine,

Mobile, Ala.

# Summer School of Medicine

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The summer school, session of six full weeks, will begin about the fifteenth of June and continue six weeks.

The courses offered are open to all persons who, in the judgment of the dean, are qualified to profitably pursue them. No entrance examination is required.

Undergraduates who have failed during the school year will be given an opportunity to remove their deficiencies, certain courses being intended to duplicate portions of the regular curriculum.

To the graduates, advanced and special students, satisfactorily completing their courses, a certificate of attendance and of creditable work will be issued.

Independent work in the laboratories and the hospital and dispensary will be encouraged, especially for research work under the personal direction of the instructor in charge.

The right is reserved to withdraw any of the courses announced.

A general tuition fee of \$30.00 will be charged, and in the laboratory courses a special additional fee to cover cost of material, breakage, etc.

In brief, the courses that are offered (others if demand warrants), are these:

Chemistry—I. Review course in inorganic, organic and physiological chemistry. II. Advanced and research work as arranged.

Anatomy—I. Review course, dissection of one-half or one-third of body. II. Applied and surgical anatomy. III. Histology.

Physiology and Pharmacology—I. Review course, both didactic and laboratory. II. Experimental physiology and pharmacology. Mainly operative on dogs, etc.

Pathology and Bacteriology—I. Review course in both subjects. II. Vaccines and sero-reactions. III. A course on tumors.

Genito-Urinary Surgery—I. A clinical course. II. Special course in cystoscopy, including ureteral catheterization.

Gynecology—I. A general course. II. Special operative course, as demand warrants.

Course I in all subjects is primarily for under-graduates and is intended as review of the more difficult parts of the regular courses in the respective subjects.

Courses II and III are primarily for graduates, special and advanced students. Research and post-graduate work being emphasized particularly.

More detailed information will be furnished upon application. Address

THE DEAN,  
School of Medicine,  
Mobile, Ala.



# Graduate School of Medicine

BIRMINGHAM

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A.M., Ph.D., LL.D.,  
President

LEWIS C. MORRIS, M.D.,  
Dean

G. S. GRAHAM, A.M., M.D.,  
Secretary

## FACULTY

LEWIS C. MORRIS, M.D., Dean,  
Professor of Gynaecology and Abdominal Surgery

J. D. S. DAVIS, M.D., LL.D.,  
Professor of Principles and Practice of Surgery and Clinical  
Surgery

D. F. TALLEY, A.M., M.D.,  
Associate Professor of Surgery

JAMES S. McLESTER, A.B., M.D.,  
Professor of Medicine and Physician-in-Chief to the Hospital

E. P. HOGAN, A.M., M.D.,  
Associate Professor of Gynaecology and Abdominal Surgery

F. A. LUPTON, M.Sc., M.D.,  
Professor of Obstetrics

W. P. McADORY, A.B., M.D.,  
Associate Professor of Surgery, Surgical Anatomy and Clinical  
Surgery

J. ROSS SNYDER, A.B., M.D.,  
Professor of Pediatrics

W. G. HARRISON, M.D.,  
Professor of Otology, Rhinology and Laryngology

H. S. WARD, B.S., M.D.,  
Professor of Neurology and Clinical Medicine

A. F. TOOLE, A.B., M.D.,  
Associate Professor of Surgery for Genito-Urinary Diseases

K. W. CONSTANTINE, A.B., M.D.,  
Professor of Ophthalmology

## UNIVERSITY OF ALABAMA

G. S. GRAHAM, A.M., M.D., Secretary,  
Professor of Pathology and Bacteriology

WALTER F. SCOTT, M.D.,  
Associate in Genito-Urinary Surgery

CHAS. E. DOWMAN, Jr., A.B., M.D.,  
Associate in Survey of the Nervous System

E. LAWRENCE SCOTT, M.D.,  
Associate in Orthopedic Surgery

LLOYD NOLAND, M.D.,  
Associate in Medicine for Tropical Diseases

GEO. A. HOGAN, B.S., M.D.,  
Instructor in Surgery

W. L. THORNTON, B.S., M.D.,  
Instructor in Surgery

STEWART H. WELCH, A.B., M.D.,  
Instructor in Surgery

H. M. GINSBURG, B.S., M.D.,  
Instructor in Gynaecology and Abdominal Surgery

CHALMERS H. MOORE, A.B., M.D.,  
Instructor in Gynaecology and Abdominal Surgery

H. P. SHUGGERMAN, A.B., M.D.,  
Instructor in Medicine

H. P. LOTTERHOUSE, A.B., M.D.,  
Instructor in Medicine

RUSSELL CALLEN, M.D.,  
Instructor in Pediatrics

MORTIMER H. JORDAN, M.D.,  
Instructor in Dermatology

C. C. McLEAN, M.D.,  
Instructor in Pediatrics

R. C. McQUIDDY, M.D.,  
Instructor in Genito-Urinary Surgery

E. S. CASEY, B.S., M.D.,  
Instructor in Anaesthesia

C. D. RENDER, M.D.,  
Instructor in Rectal Diseases

RUSSELL M. CUNNINGHAM, M.D.,  
Special Lecturer in Medicine

JAMES T. SEARCY, M.A., M.D.,  
Special Lecturer in Psychiatry

W. H. SANDERS, M.D.,  
Special Lecturer in State Medicine and Public Hygiene

### LOCATION

The graduate school of medicine is located in Birmingham, sixty miles distant from the University campus and connected with the University by two systems of railway. The medical school building, together with the Hillman Hospital and the University Free Dispensary, occupies practically an entire city block.

### GENERAL STATEMENT

The courses of study outlined for the graduate school of medicine differ somewhat from those followed by certain of the older post-graduate institutions. The regular instruction will be divided into four courses, each of which will be complete in itself and require the student's entire time.

Special work, however, will be provided for those who wish it, and who present evidence of their fitness for such work.

The session of nine months will be divided into trimesters of three months each. The student will be expected to take a full trimester's work, which will comprise a complete whole. For anyone who finds it impossible to remain away from his practice for this length of time, tickets for six weeks will be issued. Anyone taking only one-half of a regular trimester may return at any time and complete the course, receiving full credit for the work done, and the tuition which has been paid.

The clinical work will be done in the University Free Dispensary and the Hillman Hospital, utilizing the wealth of material available in these two institutions.

### REQUIREMENTS FOR ADMISSION

All graduates of recognized medical schools and all physicians licensed to practice medicine are eligible for admission.

### COURSES OF INSTRUCTION

#### Course A.

- Medicine
- Physical Diagnosis
- Neurology
- Pediatrics
- Dermatology
- Clinical Pathology
- One elective

The work in this course will include beside studies in diagnosis, clinical conferences and didactic lectures. The lectures will be designed to meet the needs of the man in general practice and are intended to give him an insight into the newer things of medicine.

Clinical pathological conferences will be held, at which autopsy, material from patients seen in the hospital will be examined and the clinical diagnosis as shown by the hospital records compared with the pathological findings.

#### Course B.

General Surgery  
Gynæcology and Abdominal Surgery  
Genito-Urinary Surgery  
Orthopedic Surgery  
Operative work on cadaver and animals  
Clinical Pathology  
One elective

This course will include general surgical and gynæcological diagnosis both at the bedside and in the amphitheater as well as in the University Free Dispensary. The abundant material in the hospital furnishes a great variety of cases in all the special departments of surgery. Operative work on the cadaver is done in suitably appointed operating rooms in the main building.

Each matriculate taking course A or B will be required to do a certain amount of laboratory work in the department of pathology. He will receive practical instruction in urine, sputum and blood work suitable to the needs of the general practitioner.

Three electives are offered and each student in courses A and B will be required to choose one of these. The electives are:

- (1) Eye
- (2) Ear, Nose and Throat
- (3) Obstetrics

The work in these three departments will have in view the needs of the man in general practice and will be designed to give him instruction bearing upon his daily work. The obstetrical wards in the new addition to the Hillman Hospital offer adequate facilities for teaching aseptic midwifery as well as the usual obstetrical operations.



## Course C.

Histology  
Pathology  
Bacteriology  
Clinical Pathology

This course is designed for laboratory workers and will keep the matriculate constantly in the laboratory. Practical autopsy work and the cutting, staining and mounting of sections will be given as well as instruction in the diagnosis of pathological tissues.

The preparation of culture media and general bacteriologic study will be included.

Clinical pathology will include the study of urine, sputum, feces and gastric contents and the technique of the Wasserman reaction.

## Course D.

Public Health  
Tropical Medicine  
Bacteriology

This course is designed to meet the needs of county and municipal health officers and of other physicians interested in public health. Lectures in public health and tropical medicine will be given and the work in bacteriology will, with certain additions, be parallel with that given in Course C.

## SPECIAL COURSES

## Special Course E.

Beginning November 2, and lasting six months, will be given a course in general pathology addressed chiefly to those physicians and surgeons of Birmingham and vicinity who wish to acquire a more intimate knowledge of pathological processes or to revise the knowledge acquired in earlier studies.

The regular studies in pathology will be preceded by a review of human histology. Gross pathologic material will be shown and microscopic sections from the same material will then be demonstrated.

These studies will include those pathologic processes of most interest to the physician or surgeon.

The work in this course will be done from 8 to 10 p. m. two evenings each week.

**EXPENSES**

Tuition, payable in advance, is as follows:

For each complete course (three months)-----	\$75 00
For each one-half course (six weeks)-----	40 00
For special course E-----	25 00

**BOARD**

Good board can be procured for from \$25.00 to \$30.00 per month. The secretary will, upon inquiry, furnish a list of suitable near-by boarding houses and hotels.

For further information apply to

DR. G. S. GRAHAM, Secretary,  
1920 Avenue F,  
Birmingham, Ala.

# Department of Pharmacy

MOBILE

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A.M., Ph.D., LL.D.,  
President.

EUGENE D. BONDURANT, M.D.,  
Dean

TUCKER H. FRAZER, M.D.,  
Secretary and Treasurer

## FACULTY

J. F. HARRISON, M. D.,  
Professor of Pharmacy and Chemistry

H. A. MOODY, M.D.,  
Professor of Materia Medica

TOULMIN GAINES, M.D.,  
Professor of Microscopy and Histology

F. L. HALEY, B.S., Ph.G.,  
Professor of Physiological Chemistry

ANDREW H. RYAN, M.D.,  
Professor of Physiology and Pharmacology

J. J. PETERSON, M.D.,  
Instructor in Materia Medica

The next session of the department of pharmacy of the University of Alabama will begin Wednesday, September 22, 1915, and will close Friday, May 26, 1916. The work of this department is conducted in the building of the school of medicine, the equipment of which is utilized as far as possible for the purpose of this department.

## REQUIREMENT FOR ADMISSION

The requirements for admission to the course in pharmacy are the completion of a two-year high school course, or its equivalent.

## PLAN OF INSTRUCTION

The plan includes didactic lectures, table demonstrations, recitations, and laboratory work in the laboratories of microscopy, chemistry, and pharmacy, and practical work in the University dispensary.

The degree of graduate in pharmacy is conferred upon those students who complete in a satisfactory manner the course of study outlined below.

The course extends through two sessions of eight full teaching months each, and is given by lectures with table demonstrations, laboratory practice, recitations, and examinations, and is distributed or divided as follows:

Subject.	Year	Hours	Year	Hours	Total Hours
Materia Medica -----	1st	160	2nd	140	300
Chemistry -----	1st	200	2nd	200	400
Pharmacy -----	1st	140	2nd	160	300
					<hr/> 1000

## MATERIA MEDICA

## FIRST YEAR

Botany (morphology, physiology, classification, etc.)-----	45 hours
General facts and principles of Materia Medica-----	10 hours
Prof. J. F. Harrison and Assistants.	
Physiology, Animal -----	30 hours
Professor Ryan and Assistants.	
Microscopy, care and use of microscope (simple and compound), micrometry, preparation and mounting of materials, etc. -----	10 hours
Histology of the plant-----	40 hours
Professor Gaines and Assistants.	

## SECOND YEAR

Histological Pharmacognosy (microscopical study of whole and powdered drugs for identity and purity) -----	35 hours
Posology and Toxicology -----	35 hours
Therapeutics, and prescription writing-----	35 hours
Professor Gaines and Assistants.	
Pharmacodynamics (pharmacology) -----	35 hours
Professor Ryan and Assistants.	



**CHEMISTRY****FIRST YEAR**

Chemical Physics, Inorganic Chemistry, Theory, Practical Chemistry (manufacturing, qualitative analysis and introduction to quantitative) -----200 hours  
 Professor Harrison and Assistants

**SECOND YEAR**

Chemistry, organic, pharmaceutical, manufacturing, qualitative and quantitative, drug assaying-----300 hours  
 Professor Harrison and Assistants  
 Physiological Chemistry -----105 hours  
 Professor Haley and Assistants.

**PHARMACY****FIRST YEAR**

General facts, history, arithmetic, Latin, metrology, heat and its applications, comminution, solution, separation and other processes, making of typical preparations of the waters, syrups, etc., pharmacy of inorganic substances--140 hours  
 Professor Harrison and Assistants

**SECOND YEAR**

Pharmacy of the organic drugs, manufacturing and commercial pharmacy, Latin and arithmetic continued, making of selected preparations of the Pharmacopoeia and National Formulary -----160 hours  
 Professor Harrison and Assistants.

**EXAMINATION AND GRADES**

Examinations, oral, written, or both, are held during the course, at the discretion of the teacher in charge, and at the close of each course a final examination in the subjects of the course is held.

**REQUIREMENT FOR GRADUATION**

The candidate must be of good moral character. His record of good conduct during his relation with the University must have been satisfactory to the faculty.

He must have completed two full courses in some recognized school of pharmacy of at least eight months each, the last of which must have been in this institution.

He must have performed all required laboratory work in a satisfactory manner and have passed satisfactory examinations at the close of the last year and have paid all required fees, including the diploma fee.

Work done in other departments of the University will be credited.

The same rules governing the students, their relations to the institution and at examination, which apply to the school of medicine, will obtain in this department.

### FEEES

The annual fee for the course in pharmacy is \$90.00 a session. This amount covers the cost of material and apparatus used, and all laboratory expenses, as well as the matriculation fee.

The graduation fee is \$15.00, payable at the time application for graduation is filed. In case the diploma is not granted, this fee is returned to the applicant.

A contingent fee of \$10.00 is required of each student to cover damage or loss to apparatus or property. This fee, less any deductions for loss or damage, is returned to the student at the end of the session.

### EXPENSES OTHER THAN FEES

Board, lodging, fuel, lights, laundry, for each year	
average -----	\$190 00
Text-books, note books, etc., average for each year	25 00

### MISCELLANEOUS

Special courses for applicants for state board examinations are given, but cannot be credited toward graduation.

The Ph.G. certificate of this department is accepted by the Alabama state board in lieu of two years' drug-store experience.

For further information, address the Dean of the Department of Pharmacy, Mobile, Ala.

# Students

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## COLLEGE OF ARTS AND SCIENCES

### GRADUATE STUDENTS

NAME	RESIDENCE	COURSE
Roy DeWitt Bachman	Goodlettsville, Tenn.	A. M.
James Howard Baxley	Dothan	A. M.
Fitzhugh Lee Carmichael	Goodwater	A. M.
Jesse Hamilton Jackson	Alexander City	A. M.
Richard Earle Jones	Roy	A. M.
Thomas Jefferson Leslie	Weogufka	M. S.
Lorenzo Thompson Reeves	Tuscaloosa	A. M.

### SENIORS

Clare Abercrombie	Tuscaloosa	A. B.
Mary Ella Armstrong	Gastonia, N. C.	A. B.
Frank Miller Atkins	Heflin	A. B.
Virgil Oates Barnard	Ozark	A. B.
George Elbert Barnett	Rogersville	A. B.
Chas. Heyward Barnwell, Jr.	Tuscaloosa	A. B.
John Wesley Brown, Jr.	Sylacauga	A. B.
Rollin Browne	Talladega	A. B.
Peyton Daniel Burford	Camden	A. B.
Earl Roy Campbell	Columbia	A. B.
Patrick Henry Carmichael	Goodwater	B. S.
Homer Gordon Dyer	Altoona	B. S.
Elvira Katherine Farrah	Tuscaloosa	A. B.
James Martin Farris	Elba	B. S.
Beula Garrett	Tallassee	A. B.
Inez Gay	Lineville	A. B.
Guy Gilliland	University	B. S.
Will Miller Humphrey	Huntsville	A. B.
Joseph Leon Israel	Birmingham	A. B.
Mims Torrey Jemison	Tuscaloosa	A. B.
Benjamin Burwell Johnston	Meridian, Miss.	A. B.
Robert Alexander Johnston	Tuskegee	B. S.

NAME	RESIDENCE	COURSE
John Alexander Kirkpatrick	Montgomery	A. B.
Fred Albert Lewis	Talladega	A. B.
Louise Marshall McCain	Livingston	A. B.
James Lamar McCann	Tuscaloosa	B. S.
David Douglas McGiffert	Tuscaloosa	A. B.
Osgood Cook McIntyre	Birmingham	A. B.
Ethridge McCoy Manning	Talladega	A. B.
Eleanor Pearl Marlowe	Oneonta	A. B.
Sterner St. Paul Meek	Chicago, Ill.	B. S.
John Enoch Middlebrooks	Bell Mills	B. S.
William Henry Milner	Columbiana	A. B.
Capitola Bruce Moody	Birmingham	A. B.
Walter Flake Oakley, Jr.	Columbia	A. B.
Thomas McAdory Owen, Jr.	Montgomery	A. B.
Joseph David Peeler	Huntsville	A. B.
Robert David Powell	River Falls	A. B.
Ida Louise Ray	Jasper	A. B.
Wyatt Rushton	Montgomery	A. B.
William Seale	Woodville, Texas	A. B.
Robert Tennent Simpson, Jr.	Florence	A. B.
Julian Wilson Stephenson	Tuscaloosa	B. S.
Roy Milner Thigpen	Birmingham	A. B.
James Edward Thompson	Princeton	A. B.
Henry Grady Tiller	Hartford	A. B.
Leslie Anderson Walker	Ensley	B. S.
Mrs. Lillias Ricker Warren	Wells River, Vt.	A. B.
Rowe Watson	Enterprise	B. S.
Aubie Bertram Wells	Ensley	B. S.
Mae Williams	Albertville	A. B.
Ruth Agnes Yerion	Citronelle	A. B.

## JUNIORS

George Jones Alston, Jr.	Tuscaloosa	A. B.
Mary Barrett Ashbaugh	Tuscaloosa	B. S.
Carolyn Louise Brown	Birmingham	A. B.
Kathrina Brown	Tuscaloosa	A. B.
Maline Burns	Ensley	A. B.
Robert Buell Buzbee	Sipsey	B. S.



NAME	RESIDENCE	COURSE
Roe Chapman	Ariton	B. S.
Mabel Chilton	Montgomery	A. B.
James Chrietzberg	Eclectic	B. S.
Stuart Coleman	Birmingham	A. B.
Daphne Cunningham	Tuscaloosa	A. B.
John Cottingham Curry	Union Springs	B. S.
Erline Durrett	Northport	A. B.
Herbert Lyman Findley	Tuscaloosa	A. B.
Arthur Key Foster	Troy	A. B.
Stuart Harrison Frazer	Birmingham	B. S.
John Inzer Freeman	Ashville	A. B.
Robert M. Goodall, Jr.	Birmingham	A. B.
Arthur Green	Bessemer	A. B.
Arthur McA. Hamilton, Jr.	Huntsville	A. B.
Grace Savanna Harrison	Midway	A. B.
Henry Thomas Jones	Roy	A. B.
Lucian Jones	Florence	B. S.
Beatrice Kitchens	Jasper	A. B.
Clifford Lanier Lamar	Selma	A. B.
Mrs. Jessie Palfrey Leake	University	A. B.
Alice Virginia Longshore	Columbiana	A. B.
Fred Augustus Luqueer	Tuscaloosa	B. S.
J. Samuel McCants	Mt. Roszell	B. S.
Corley Campbell McEachern	Brundidge	A. B.
George Roland McElroy, Jr.	Cuba	B. S.
Wallace Davis Malone	Dothan	B. S.
James William Milner	Huntsville	B. S.
Oscar Galileo Myers	Perote	B. S.
George Frederic Neilson	Tuscaloosa	A. B.
Marion Lamar Oakley	Columbia	A. B.
Claudia Angeline Paisley	Selma	A. B.
Frank Davis Parham	Gainesville	A. B.
James Overby Pearson	Alexander City	A. B.
John Hale Pearson	Alexander City	A. B.
Jennie Caroline Perkins	New Decatur	A. B.
Roy Lindsay Phillips	Boaz	B. S.
Patton Kimbrough Pierce	Ralph	A. B.
John Richard Porterfield	Greenville	B. S.

NAME	RESIDENCE	COURSE
Wightman Melton Rayburn	Guntersville	A. B.
Mamie Richardson	Tuscaloosa	A. B.
John Ingle Riddle	Huntsville	A. B.
Arthur Franklin Riser	Milltown	B. S.
Isaac Jasper Rogers	Vina	A. B.
Lauchlin McKinnon Rozier	Opp	A. B.
Auxford Sumner Sartain	Oakman	A. B.
Augusta Tunstall Searcy	Tuscaloosa	A. B.
Thomas Luther Smith	Blowhorn	B. S.
John Milton Snodgrass	Scottsboro	B. S.
William C. Steagall	Abbeville	A. B.
Mose Hudson Tapia	Mobile	A. B.
William Pratt Thomas	Prattville	B. S.
William Travis VandeGraaff	Tuscaloosa	A. B.
Arthur Thomas Veazey	LaFayette	B. S.
Edward E. Verner, Jr.	Richland, S. C.	B. S.
Percy Edward Wallace, Jr.	Ackerville	A. B.
Elma Lucille Warley	Mobile	A. B.
Frances Fones Williams	Birmingham	A. B.
Gerald Guinness Woodruff	Anniston	A. B.

## SOPHOMORES

John Edmund Adams	Jackson	A. B.
James Lamar Appleton	Collinsville	B. S.
Willis Alston Banks	Eutaw	A. B.
George Charner Batson	Bessemer	A. B.
John Crues Bell	Brooksville, Miss.	A. B.
Clifton Oliver Blauvelt	Maplesville	A. B.
John Randolph Bolling	Mobile	A. B.
Thomas David Boman	Heflin	A. B.
Augustine Stephen Borders	Ozark	A. B.
Jefferson Denman Box	Vernon	A. B.
Margaret Martha Britton	Anniston	A. B.
Emmett Treadwell Brunson	Elba	B. S.
Lucie Eddins Buchanan	Birmingham	A. B.
Joshua Quintin Buzbee	Sipsey	B. S.
Charles Walter Campbell	Columbia	A. B.
John Leslie Carmichael	Goodwater	A. B.

NAME	RESIDENCE	COURSE
William Augustus Carruth	Heflin	A. B.
Stanhope E. Chamberlain	Mobile	A. B.
Ethel Bestor Chiles	Ensley	A. B.
Edna Cohen	Montgomery	A. B.
Chappell Cory, Jr.	East Lake	A. B.
Orville Menees Coston	Birmingham	A. B.
Richard Lamar Crawford	Mobile	B. S.
John Alexander Darby, Jr.	Florence	Irreg.
John Jefferson Davenport	Tuscaloosa	A. B.
Judson Davie DeRamus	Verbena	B. S.
Augustus Proal Dorgan, Jr.	Mobile	B. S.
Blevins Coke Dunklin, Jr.	Selma	A. B.
James Stewart Edson	Montgomery	A. B.
Cecil Vincent Fain	Ozark	A. B.
Norma Fortner	Dothan	B. S.
John Foscue	Grove Hill	B. S.
Margaret Foster	Rock Castle	A. B.
Samuel Palmer Gaillard, Jr.	Mobile	A. B.
Solomon Garden	Corona	A. B.
Roy Stuart Garrett	Montgomery	A. B.
Bascom Hurley Godwin	Ozark	A. B.
William Gray, Jr.	Dadeville	A. B.
Melton Marcus Greene	Winfield	B. S.
Henry Harrison Hale	Tuscaloosa	A. B.
Mamie Lucile Hampton	Tuscaloosa	B. S.
James Harris Hardy	Columbus, Miss.	B. S.
Bryce Wilson Harris	Russellville	A. B.
William Dabney Harris	Birmingham	B. S.
Leonard Pratt Harvey	West Blocton	A. B.
Bertha Nill Hausman	Tuscaloosa	B. S.
Connie Ray Helms	Elba	A. B.
*Cumbee Wood Herren	Birmingham	A. B.
Thomas Wade Herren	Dadeville	A. B.
Annie Ewart Hightower	York	B. S.
Luther Lyons Hill, Jr.	Montgomery	B. S.
Thornley Schooler Jobe	Birmingham	A. B.

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\*Died November, 1914.

NAME	RESIDENCE	COURSE
James Goree Johnson	Wetumpka	A. B.
Jesse Johnston, Jr.	Birmingham	A. B.
Benjamin H. Kennedy, Jr.	Birmingham	A. B.
Roy Wood Kimbrough	Thomasville	A. B.
Rianzo Jay Lawrence, Jr.	Union Springs	A. B.
Charles Frank Lewis	Ozark	B. S.
Thad Barrow McCarty	Slocomb	A. B.
Clyde McKay	Wedowee	A. B.
Mamie Ross McKay	Wedowee	A. B.
Rubie McKay	Wedowee	B. S.
Dorothea Dale Mayo	Cullman	A. B.
John Conley Merchant	Ashville	B. S.
Hugh Cleveland Miller	Enterprise	B. S.
Foster Mills	University	A. B.
Margaret Elizabeth Mitchell	Anniston	B. S.
William Hollie Moncrief	Prattville	B. S.
Leon Maurice Montgomery	Montgomery	B. S.
William Robert Moore	Mobile	B. S.
James Kenneth Morris	Tuscaloosa	A. B.
John Billie Morris	Sulligent	B. S.
Jackson Lavelle Morrow	Plantersville	A. B.
William Webb Moseley	Faunsdale	A. B.
James E. Neighbors, Jr.	Moundville	B. S.
Jesse James Newman	Buffalo	B. S.
Albert Foster Norton	Louisville	B. S.
James Searcy Parker	Elrod	B. S.
Sidney Edward Patterson	Decatur	B. S.
William Marshall Patterson	Atmore	A. B.
Mary Powell	Greenville	B. S.
Samuel Houston Power	Opelika	A. B.
Inez Herring Preston	Andalusia	A. B.
Luney Varnon Ragsdale	Bessemer	A. B.
Cas Reagan	Delta	B. S.
Bruce McGowin Robbins	Samson	B. S.
Christine Robbins	Ensley	B. S.
Robert Emmet Rodes, Jr.	Tuscaloosa	A. B.
Joseph Robert Rosson, Jr.	Cullman	B. S.
Jesse Mercer Rowe	Elba	B. S.



NAME	RESIDENCE	COURSE
James Thomas Rowell	Selma	A. B.
John Thomas Sanders	Beatrice	B. S.
George Pomeroy Savage	Jackson	B. S.
Camille Tunstall Searcy	Tuscaloosa	A. B.
Mamie Sellers	Franklin	B. S.
William Grover Shamblin	Dewdrop	B. S.
Dean L. Smith	Madison	B. S.
Elizabeth Allison Smith	Birmingham	A. B.
James Madison Smith	Headland	A. B.
John Hamilton Smith	Bay Minette	A. B.
Virginia Lee Stiggins	Mobile	B. S.
Harry Burgess Sugg	Huntsville	B. S.
William Malcolm Tatum	Prattville	A. B.
Edward Ira Taylor	Arab	B. S.
Ralph Cage Thomas	Ashby	A. B.
John Homer Thompson	Stroud	B. S.
Joseph William Vann	Gurley	B. S.
Jesse Bethea Walter, Jr.	Snowdoun	B. S.
Harry Jones White	Birmingham	A. B.
William Vance Wier	Gadsden	B. S.
William W. Wilkerson	Montgomery	A. B.
Lynda Claire Williamson	Decatur	B. S.
Joseph Almoth Woods	New Decatur	A. B.
Lewis Green Woodson, Jr.	Birmingham	B. S.

## FRESHMEN

Ora Louise Adams	Tuscaloosa	B. S.
Virgil Cornelius Adams	Talladega	B. S.
James Houston Anderson	Uniontown	A. B.
Wesley Monroe Baldwin	Opp	B. S.
Fred St. Clair Ball	Montgomery	A. B.
John Overton Barfield	Lineville	A. B.
Melson Barfield	Lineville	B. S.
Val Taylor Barley	Linden	B. S.
Cecil F. Bates	Mobile	Irreg.
Earney Bland	Hanceville	Irreg.
Philip W. Blondheim, Jr.	Tuscaloosa	A. B.
Harold Alfred Bowron	Birmingham	B. S.

NAME	RESIDENCE	COURSE
Charles Jacob Brockway, Jr.	Livingston	B. S.
Jack Bryant	Tuscaloosa	A. B.
John Caswell Caffey	Hayneville	A. B.
Wilkes Coleman Carnathan	Butler	A. B.
Ralph Akin Carroll	Opelika	A. B.
Dozier N. Cartledge, Jr.	James	B. S.
John Ganes Chadick	Mobile	B. S.
Ollis Alonzo Chandler	Hanceville	B. S.
Oscar Rollie Chester	Camp Hill	A. B.
Claude Mastin Cleveland	Mobile	B. S.
Pressley Welch Cleveland	Selma	B. S.
James Joseph Cockrell	Lineville	A. B.
Benjamin Davis Colley	Enterprise	B. S.
James Drewey Comer	Eufaula	A. B.
Clarence Cranford	Jasper	A. B.
Robert Royce Crawford	Dothan	B. S.
Charles Baldwin Cullom	Birmingham	B. S.
John Pierce Culver	Dothan	A. B.
Susie Venable Davis	Tuscaloosa	Irreg.
Henry Britt Deal	Columbia	A. B.
John Winton Deming	Evergreen	Irreg.
William Jackson DeVere	Tuscaloosa	A. B.
Brewer Dixon	Talladega	A. B.
Herbert Bascom Dowling, Jr.	Eufaula	A. B.
James Asbury Downey, Jr.	Birmingham	A. B.
Henry Dunn	Roanoke	A. B.
B. C. Durham, Jr.	Florence	A. B.
Findley Brown Durrett	Northport	B. S.
Richard B. Eggleston, Jr.	Columbus, Miss.	B. S.
Alma Corinne Ferrell	Tuscaloosa	B. S.
William Lenard Flowers	Ozark	B. S.
Horace Livingston Flurry	Camp Hill	A. B.
Leslie Bruce Flurry	Camp Hill	A. B.
William Stuart Foshee	Chapman	B. S.
Moritz Eichenberg Frohlich	Selma	Irreg.
James Allen Fuller	Huntsville	B. S.
Samuel Gideon Garner	Samson	A. B.
Bernice Gay	Wadley	B. S.

NAME	RESIDENCE	COURSE
Charles Linn Gay, Jr.	Montgomery	B. S.
William Armistead Gayle, Jr.	Montgomery	B. S.
Jordan Unus Greenwood	Guntersville	B. S.
Laura B. Griffin	Tuscaloosa	A. B.
Carlisle Brazile Grisham	Athens	B. S.
James Robert Groom, Jr.	Mobile	B. S.
Hubert Morton Hall	Bay Minette	A. B.
Howell Redd Hanson	Tuscaloosa	B. S.
William Frantz Harper	Selma	A. B.
Robert Otis Harris, Jr.	Mobile	B. S.
Mary Louise Hausman	Tuscaloosa	A. B.
John Edwin Havis	Tuscumbia	A. B.
George Boltz Hawthorne	Camden	B. S.
James Kern Haygood	Greenville	A. B.
Albert Gallatin Henry	Guntersville	B. S.
Cecil Modena Hester	Russellville	A. B.
Daniel Webster Hester	Russellville	A. B.
Stephen Williams Hixon	Monroeville	B. S.
Latta Winston Hollis	Covin	B. S.
Brucy Alexander Hood	Oneonta	A. B.
Mary Kirkland Horton	Tuscaloosa	A. B.
Dexter Louis Hovater	Russellville	A. B.
Norvin Welborn Hunnicutt	Centerville	B. S.
George Waring Huston	Selma	B. S.
Willard Corey Hutchens	Huntsville	B. S.
Barton Cooper Isbell	Tuscumbia	A. B.
Henry Izard	Mobile	B. S.
Ernest Oliver Jackson	University	A. B.
Genevieve Cordelia Jarvis	Mobile	B. S.
Francis Thomas Johnston	Brundidge	B. S.
Richard Pierce Johnston	Hanceville	B. S.
Edwin Whiting Jones	Huntsville	B. S.
Henry Robert Jones	Sweetwater	A. B.
Ralph Lee Jones	Roy	A. B.
Walter Bryan Jones	Huntsville	A. B.
William Ellie Jones	Camden	B. S.
Woolsey Finnell Jones	Tuscaloosa	B. S.
James Albert Keller	Hanceville	B. S.

NAME	RESIDENCE	COURSE
John Percy Kennedy, Jr.	Centerville	A. B.
Will Evans Kimbrough	New Decatur	B. S.
Marcus Klein	Ensley	B. S.
Thomas Edmund Knight, Jr.	Greensboro	A. B.
John Hayes Lacy	Jasper	B. S.
Ira Tullis Lampley	Eufaula	A. B.
Joseph Monroe Laney	Ozark	B. S.
Edward Morris Latham	Birmingham	B. S.
William Lovard Lee, Jr.	Columbia	A. B.
Luther David Lehman	Huntsville	A. B.
William Archibald Leland	Tuscaloosa	A. B.
Edna Lewis	Mobile	A. B.
John Minor Lile	Leighton	A. B.
Clifford Littlejohn	Lawley	B. S.
John Watson McAlpine, Jr.	Mobile	B. S.
William G. McCorvey, Jr.	Monroeville	A. B.
Leroy McEntire	Decatur	B. S.
James Earl McGowin	Chapman	B. S.
William Edward McGrath	Hayneville	B. S.
George Yewell Malone	Dothan	B. S.
David Hatton Marbury, Jr.	Marbury	B. S.
Herbert Glynn Martin	Dothan	A. B.
Frank Wynton Mason	Brewton	B. S.
Lehman Morris Mayer	Demopolis	A. B.
Eldridge W. Maynor	Oneonta	A. B.
Walter Mitchell, Jr.	Mobile	A. B.
Wilhelmina Monnish	Tuscaloosa	A. B.
Fred Rollins Moody	Russellville	A. B.
Ben Moore, Jr.	Birmingham	B. S.
Joseph McReynolds Moore	Camden	A. B.
Mary Backstrom Moore	Laurel, Miss.	A. B.
Charles Cecil Morgan	Tuscaloosa	B. S.
Lois Naugher	Northport	A. B.
James Algernon Nelson	Birmingham	B. S.
Terry Fennis Nesmith	Vernon	B. S.
Anne Elizabeth Newman	Buffalo	A. B.
John Clyde Orr	Somerville	B. S.
David Terrell Overby	Tuscaloosa	B. S.



NAME	RESIDENCE	COURSE
Marie Rose Pake	Montgomery	B. S.
Howard Arrington Parker	Sylacauga	B. S.
Josie Steele Patton	Tuscaloosa	A. B.
William Bankhead Perry	Jasper	B. S.
James Samuel Pittman	Wehadkee	B. S.
Joseph Benjamin Plosser	Birmingham	B. S.
Avina Pool	Holt	B. S.
Thomas Renne Ray	Eutaw	B. S.
Harry Carlson Riddle	Madison	A. B.
James Mitchell Roberts	Oneonta	B. S.
Jesse Pharoah Rogers	Mobile	B. S.
John Asa Rountree, Jr.	Birmingham	B. S.
Harry Sam Rowe	Elba	B. S.
Leah Grace Rubenstein	Elba	A. B.
Isabel Saportas	Maplesville	B. S.
Alice Marguerite Schaubert	Laurel, Miss.	A. B.
Paul Grover Searce	Tuscaloosa	B. S.
John Ferris Sewell	Wetumpka	B. S.
Leslie Gray Sims	Eleanor	B. S.
Henry Crawford Slaton	Mobile	B. S.
Ida Ruth Smith	Northport	A. B.
Ora Mae Smith	Northport	B. S.
Sherrill Alfred Smith	Tuscaloosa	A. B.
Elbert Preston Sowell	Chapman	B. S.
Samuel Jackson Steiner	Montgomery	B. S.
Siegfried Lawrence Stern	Montgomery	A. B.
Rosemary U. Stevenson	Gadsden	A. B.
Constance Stoddard	Mobile	B. S.
Andrew Jackson Sullivan	Echola	A. B.
Frank Stiggins Tait	Camden	A. B.
Seaborne Herbert Tanner	Hartselle	A. B.
Hoyt Alpheus Thompson	Stroud	B. S.
Thomas Ellis Tucker	Catherine	B. S.
Gilbert Sterling Turney	Hartselle	B. S.
Cherokee J. VandeGraaff	Tuscaloosa	A. B.
Ernest Fredrich Voigt	Hanceville	B. S.
Irene Matilda Waldhorst	Birmingham	A. B.
Henry Otis Walker	Huntsville	B. S.

NAME	RESIDENCE	COURSE
Marion Louise Walter	Birmingham	B. S.
William Gomez Ward	Mobile	B. S.
Charles Jacob Weil	Montgomery	A. B.
Josiah Phillip Whiteside	Oxford	B. S.
Merritt Luther Wikle	Madison	B. S.
Joseph Jackson Willett, Jr.	Anniston	A. B.
John Clarence Wilson, Jr.	Tuscaloosa	B. S.
William Sidney Wilson, Jr.	Dothan	B. S.
Whitten Maurice Windham	Millport	A. B.
John Christopher Woodham	Opp	B. S.

## SPECIAL STUDENTS

NAME	RESIDENCE
Frank Larey Butts	Ethelsville
Basil Clarke	Birmingham
Berney Crook	Bessemer
Estelle Hargrove	Tuscaloosa
Metta Hargrove	Tuscaloosa
William Linton Henderson	Montgomery
Mrs. Jennie Morris Howard	Tuscaloosa
Glenn Earl Hill	Sipsey
John Warren Leach	Tuscaloosa
McDaniel Benson Partin	Tuscaloosa
Kate Porter	Greenville
Brazzie Deal Price	Tuscaloosa
Rosa Lee Quarles	Tuscaloosa
Guy Roberts	Clanton
John Fisher Rothermel	Bay Minette
Frank K. Williams	Townley
Hernando DeSoto Wilson	Northport
Jesse J. Wright	West Blocton

## COLLEGE OF ENGINEERING

## GRADUATE STUDENTS

NAME	RESIDENCE	COURSE
William McDow Johnston	Holt	E. E.
Charles Allen Long	Bessemer	C. E.
Andrew McMurray Miller	Nanafalia	E. E.
Merrill Pratt Smith	University	C. E.

## SENIORS

NAME	RESIDENCE	COURSE
Andrew Adair Coffin	Mobile	E. E.
William Abner Holt	Mobile	C. E.
Henry Benton Love	New Market	C. E.
Harry Jones McCormack	Birmingham	E. M.
Neil Neville	Birmingham	E. M.
James Oldshue	Sulligent	C. E.
Stark Orlando Park	Alexander City	C. E.
Hugh Sutherland Sherman	Columbus, Miss.	E. E.
Rhett Larkin Williamson	Hartford	C. E.

## JUNIORS

Emmett Norman Barnes	Ozark	Ch. E.
Milton Erwin Baird	Bessemer	M. E.
Lester Tucker Boyles	Thomasville	C. E.
John Broyles	University	C. E.
Charles Carson Busbee	Mobile	M. E.
Charles Jackson Cargile	Bessemer	M. E.
Robert Harvey Cobb	Cherokee	C. E.
Brooks Connell	Brundidge	C. E.
Charles R. Dickinson, Jr.	Birmingham	E. E.
Russell Lawrence Jenkins	New Decatur	Ch. E.
Thomas Daniel Johnson	Ozark	E. E.
Raymond William Jones	Huntsville	C. E.
Harold Bradshaw Makin	Livingston	E. E.
Thomas Cummings Manning	Talladega	C. E.
Robert Thomas Palmer	Jasper	M. E.
Alonzo Browne Prude	Tuscaloosa	C. E.
Joel Herron Rainer	Union Springs	C. E.
Calhoun Stephen Saul	Montgomery	E. E.
Lewis Martin Smith	Birmingham	E. E.
Burl Stevens Watson	Lincoln	E. E.
Charles William White	Birmingham	E. M.
John King Woolf	Demopolis	C. E.

## SOPHOMORES

Thomas Jefferson Amiss, Jr.	Jasper	C. E.
Charles Frederick Anderson	Birmingham	E. M.

NAME	RESIDENCE	COURSE
Samuel Henry Andrews, Jr.	Jackson	C. E.
William Henry Bryce	Shreveport, La.	C. E.
Basil Manly Burks	Tuscaloosa	M. E.
Clarence Elmore Cason	Talladega	C. E.
Creighton Wanless Duffey	Boaz	E. E.
Milton Elliott	Gadsden	M. E.
Preston Sidney Findley	Tuscaloosa	C. E.
Allen Fulton Frazer, Jr.	Montgomery	E. E.
Everett Albert Harris	New Decatur	C. E.
George Morton Hawk	Nicholsville	C. E.
Ernest Lee Hendrix	Coker	C. E.
Millard Frank Jackson	Pineapple	C. E.
John McArthur, Jr.	Pineapple	E. E.
Felix Hale McCann	Tuscaloosa	E. E.
Lynne McHugh	Birmingham	E. E.
Henry Manning McPhillips	Mobile	C. E.
William Hayes Mason	Woodstock	E. M.
Lowndes Davis Morton	Birmingham	E. M.
Edwin Theodore Parker	Mobile	E. E.
Robert Newton Pitts, Jr.	Pittsview	M. E.
Newton Kennedy Plunket	Birmingham	M. E.
John Ray Ulmer	Butler	E. M.

## FRESHMEN

Steadham Acker	Birmingham	C. E.
Alexander Ashbaugh	Tuscaloosa	E. E.
Charles Franklin Barclay	Paint Rock	E. E.
Troy Crampton Brannan	Mobile	C. E.
Hunter Tennille Burnett	Tuscaloosa	E. M.
Alexander Thomson Cecil	Birmingham	E. E.
William Mastin Cleveland	Mobile	E. M.
Jack Evans Cozine	Tuscaloosa	C. E.
John Parker Crutcher	Tuscaloosa	M. E.
Ray Michael Dowe	Montgomery	M. E.
William Dryer, Jr.	Daphne	E. E.
William Timothy Durrett	Birmingham	E. F.
Clinton Lafayette Franklin	Memphis, Tenn.	C. E.
Charles Williamson Glover	Montgomery	E. E.



NAME	RESIDENCE	COURSE
William Melvin Haas	Mobile	E. M.
Robert Mickleberry Hall	Hurtsboro	C. E.
Joseph Ellzey Hampton	Columbus, Miss	C. E.
William Carl Hatchett	Athens	E. E.
Otis Erick Howell	Moundville	E. E.
Elgin Johnson	Tuscaloosa	E. E.
H. A. Johnson, Jr.	Ozark	Ch. E.
Fred Martin Johnston	Boligee	M. E.
William Anton Koeppel	Tuscaloosa	E. E.
Bryan Verner Lawson	Lincoln	E. E.
Joseph Asberry Leysath	Georgiana	M. E.
Joseph Henry Lindsey	Northport	M. E.
Perry Reed McCormack	Birmingham	E. M.
Luther H. Maxwell, Jr.	Tuscaloosa	M. E.
Samuel Russell Morgan	Hanceville	E. E.
William Harry Nevins	Birmingham	E. E.
John Wesley Read	Tuscaloosa	M. E.
Robert Mitchell Shackelford	Mobile	E. E.
Gregory Hardy Smith	Mobile	M. E.
William Jewell Whatley	Birmingham	E. M.
Alexander J. Wildman, Jr.	Mobile	C. E.
Amon Cullen Windham	Ozark	E. E.

## SPECIAL STUDENTS

NAME	RESIDENCE
Marion Hester Cooper	Tuscaloosa
Arthur Louis Hinckley	University
Howard Criner Jones	Huntsville
Gerardo Fernandez Vina y Mendez	Santiago de Cuba, Cuba

## STUDENTS IN ARTS AND SCIENCES AND ENGINEERING

Charles Baldwin Cullom	Birmingham
John Cottingham Curry	Union Springs
Norma Fortner	Dothan
Beula Garrett	Tallassee
Hubert Morton Hall	Bay Minette
James Kenneth Morris	Tuscaloosa
James Algernon Nelson	Birmingham

NAME	RESIDENCE
Ida Louise Ray .....	Jasper
Robert Emmet Rodes, Jr. ....	Tuscaloosa
Julian Wilson Stephenson .....	Tuscaloosa

## SCHOOL OF LAW

## SENIORS

Lamar Aldridge (A. B., U. of A.) .....	Catherine
Augustus Holmes Alston, Jr. (A. B., U. of A.) .....	Clayton
John Alfred Altman (Howard College) .....	York
Augustus Barnes (A. P. I.) .....	Tuscaloosa
Emile Majerski Baumhauer .....	Mobile
Edmund Ruffin Beckwith (A. B., Univ. of the South)	
.....	Montgomery
William Craig Beebe (U. of A.) .....	Livingston
Francis Morrow Brown (U. of A.) .....	Birmingham
Thomas Riddle Brown (Grad. Florence Normal School)	
.....	Birmingham
Winston Edward Brown (A. B., Southern Univ.) ..	Newbern
Michael Cody, Jr. (A. B., U. of A.) .....	Montgomery
John Shields Coleman (U. of A.) .....	Jasper
Samuel William Compton (U. of A.) .....	Wayne
McPherson Aduston Cook (U. of A.) .....	Eutaw
Curtis Pickens Cornwell (B. S., The Citadel) ..	Chester, S. C.
Ben Walker Curry (Univ. of Colorado) .....	University
Robert Park Davison (B. S., U. of A.) .....	Montgomery
John Louis Dean (A. B., U. of A.) .....	Camp Hill
Willia Creagh Dozier (A. B., U. of A.) .....	Thomasville
Benjamin James Dryer .....	Huntsville
Adolphus Cook Evans, Jr. (Southern Univ.) .....	Greensboro
Marcus J. Fletcher (A. B., U. of A.) .....	Andalusia
Theodore Jackson Godwin .....	University
David Beck Goode (Grad. Univ. of Va. Law. Sch.)	
.....	Gastonburg
Malvern Ulysses Griffin (Vanderbilt Univ.) .....	University
Orlando Callier Grimes (U. of A.) .....	Tuscaloosa
Junius Foy Guin (Grad. Jacksonville Nor. Sch.) ..	Belgreen
Arthur Lee Hardegree (Grad. Jacksonville Nor. Sch.)	
.....	Goodwater

## NAME

## RESIDENCE

William LeSueur Harsh (U. of A.)	Birmingham
Julius Washington Hicks (A. B., U. of A.)	Ozark
John Downing Hill (Vanderbilt Univ.)	Tuscaloosa
Joseph Lister Hill (A. B., Univ. of Ala.)	Montgomery
William Lavender Hogue (Washington & Lee Univ.)	Marion
James Bradley Holman, Jr. (B. S., A. P. I.)	Camden
Holland Huntington	University
James Juitte Jackson (La. State Univ.)	Birmingham
DeVane King Jones (A. B., U. of A.)	Tuscaloosa
Roger Alston Jones (Peddie Institute)	Montgomery
Richard Bussey Kelly, Jr. (A. B., Howard College)	Birmingham
Vincent Kilborn	Mobile
John Milton Ladd (U. of A.)	Mobile
Oscar Emory Littleton (B. S., A. P. I.)	DeFuniak, Fla.
Hilliary Duke Logan (Birmingham College)	West Blocton
Wallace Crook McAdory (U. of A.)	Birmingham
Charles Huggins McCann (Southern Univ.)	Tuscaloosa
William Hugh McCary (B. S., Howard College)	Birmingham
Archie McKay McDowell	Eufaula
John Howard McEniry (M. S., A. P. I.)	Bessemer
Edward McGregor	Jasper
Emmet Earle McMillan (Grad. Univ. of Va. Law School)	Gastonsburg
William Howell Morrow (Univ. of Miss.)	Lanett
James Cochrane Phelps (M. S., A. P. I.)	Salem
Fred Ross	Bessemer
William Morgan Russell (Grad. Marion Inst.)	Tuskegee
Karl John Schuster	Birmingham
Coleman DeTroy Shepherd (Florence Nor. Sch.)	Cordova
Patrick Kyle Shirley (U. of A.)	Wetumpka
Polk Walker Shumate (U. of A.)	Union Grove
Morgan Foshee Simmons	Andalusia
Eugene Lawson Smith	Sylacauga
Mike Sollie, Jr. (B. S., U. of A.)	Ozark
Charles Oscar Stokes (A. B., U. of A.)	Ozark
Olin Wilson Storey (U. of A.)	Stafford
Charles Williamson Stringer, Jr.	Talladega

NAME	RESIDENCE
Adrian V. VandeGraaff (A. B., U. of A.)	Tuscaloosa
Vincenzo Verde (Northwestern Univ. Law Sch.),	Birmingham
James Monroe Ward (Southern Univ.)	Tuscaloosa
Marion Edward Ward (A. B., Southern Univ.)	Bevill

## JUNIORS

James M. Adams (U. of A.)	Huntsville
Elijah Granville Avery	Hamilton
Henry Herndon Barnett (A. B., U. of A.)	Fitzpatrick
Levi Becker (U. of A.)	Jasper
Liston Crelon Bell (U. of A.)	Coker
Harwood Christian Bowman	Montgomery
James Edgar Bowron (B. S., U. of A.)	Birmingham
William Emmett Brooks (A. P. I.)	Brewton
William Matthew Brunson (U. of A.)	Elba
Sibert Bowen Carmichael (U. of A.)	Geneva
Eugene Walter Carter (Southern Dental College)	Montgomery
Charles Holmead Chichester	Birmingham
John Daniel Chichester	Birmingham
George Ellis Childers (Stetson Univ.)	Birmingham
Theodore Eugene Clark	Camden, Maine
*Clare Collins (Ala. Girls' Technical Inst.)	Geneva
Littleberry Calhoun Collins (B. S., A. P. I.)	Birmingham
Kenneth Ezelle Cooper (Southern Univ.)	Decatur
Grady Corbitt (A. B., U. of A.)	Ozark
John Fant DeMotive (U. of A.)	Boligee
William George Dooly (U. of A.)	Boaz
William Brice Dortch (Grad. U. S. Naval Academy)	Gadsden
James Mason Douglass (A. B., U. of A.)	Russellville
Joseph Frank Duke (A. B., Howard College)	Gadsden
Evans Dunn (Washington & Lee Univ.)	Birmingham
Philip Edwards (U. of A.)	Birmingham
James Wallis Elliott (U. of A.)	Talladega
Ellis Epstein	Birmingham
John Adolph Erickson (U. of A.)	Mobile
Burdette Garrison	Birmingham

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\*Irregular.



NAME	RESIDENCE
James Booth Gibbons (A. B., U. of A.)	University
Frederick True Given (U. of A.)	Gurley
Griffith Rutherford Harsh, Jr. (B. S., U. of A.)	Birmingham
Maurice Emmette Harvey	Oneonta
Arley Ezra Hughes	Kennedy
J. Fred. Johnson, Jr. (A. B., U. of A.)	Florence
Charles West Joplin (U. of A.)	Gurley
Charles Arthur Lewis (U. of A.)	Eutaw
Robert Elmore McAdory	Birmingham
Charlie Campbell McCall	Meridian, Miss.
William Henry McGowen (U. of A.)	Cuba
John Thomas Martin (U. of A.)	Jacksonville
Manly Foster Meador (B. S., A. P. I.)	Myrtlewood
Ewell Anderson Middlebrooks	Dothan
John Augustus Moore, Jr. (Washington & Lee Univ.)	
	Birmingham
Edward Lee Norton (B. S., Birmingham College),	Birmingham
George Cabell Outlaw	Mobile
Rockford Somerville Parks (U. of A.)	Andalusia
John Edgar Perry	Wedowee
Eston Grady Pilcher	Ozark
Calvin Poole (A. B., U. of A.)	Greenville
Harry Henderson Rabb (A. P. I.)	Brewton
Olive Dorothy Richard	Mobile
Howard Roper	Clanton
Laurence Lionel Saks	Birmingham
William Conner Samford (A. P. I.)	Montgomery
Elven Wave Scott	Cullman
William Luther Sims	Kennedy
Ernest Kimbrough Staggers (A. B., U. of A.)	Benton
William Walter Tinsley (Univ. of Va.)	University
Coleman Hargrove VandeGraaff (A. B., U. of A.)	Tuscaloosa
Cornelius Sheldon Whittelsey, Jr. (U. of A.)	Opelika
Walter Herren Wilson (B. S., A. P. I.)	Opelika
Thomas Harvey Wright	Arab

## SPECIAL STUDENTS

Robert Nelson Brassell	Montgomery
Harry Anderson Burns	Birmingham

NAME	RESIDENCE
William Edward Campbell	Lockhart
Arthur Bounds Chilton	Montgomery
Howard Lawrence Cook	Lisman
Clinton Andrew Elliott	Gaylesville
William Edward Hull	Schley
William Norville Johnston	Mobile
J. Bruce Long	Greenville
Henry Carlton Meader	Montgomery
Grady Borden Mitchell	Cullman
John Joseph Sargent	Mobile
Matthew McGrath Sullivan	Pensacola, Fla.
Joseph L. Teaver	Caldwell

## STUDENTS IN ARTS AND SCIENCES AND LAW

Virgil Oates Barnard	Ozark
George Elbert Barnett	Rogersville
Rollin Browne	Talladega
James Lamar McCann	Tuscaloosa
David Douglas McGiffert	Tuscaloosa
Ethridge McCoy Manning	Talladega
Walter Flake Oakley, Jr.	Columbia
Joseph David Peeler	Huntsville
Robert David Powell	River Falls
William Seale	Woodville, Texas
Henry Grady Tiller	Hartford

## SCHOOL OF MEDICINE

## SENIORS

John M. Bell	Louisville
Robert Harold Coker	Brewton
Wilson Thomas Deaver	Blountsville
Benjamin Franklin Fridge, Jr.	Ellisville, Miss.
Rayford Hodges	Woodville
William Edward Kimbrough, Jr.	St. Stephens
Samuel Currie Matthews	Clanton
Clifford V. Mayhall	Haleyville
Leon V. McKay	Salitpa

## NAME

## RESIDENCE

Richard Cox Rush (A. B., Southern Univ.)	Mobile
Harry Altamont Moody Simpson (A. B., U. of A.)	Florence
James Alexander Ussery	Roanoke
Vernon E. Whitehead	Abbeville

## JUNIORS

Floyd Lamar Abernathy	Flomaton
Arthur McCluney Cowden	Oneonta
Lawrence Bryant Farrior	Clayton
Henry Wiley Grady (B. S., A. P. I.)	Stroud
Alex. W. Graves	Talladega
Frank Leroy Haley (M. S., Univ. of Mich.)	Mobile
James Young Hamil	Troy
William Campbell Hannon	Montgomery
Riley Monroe Hayes	Chilton County
Robert H. Lister	Gadsden
Daniel James Long, Jr.	Chatom
George Clark Marlette (B. S., U. of A.)	Hayneville
Brack Coleman Payne	Birmingham
Emmett Eugene Pollard	Luverne
Ralph Emmett Porter	Scottsboro
William Llewellyn Staggers (A. B., Univ. of the South)	
	Benton
Jesse James Walls	Ashland
Jerre Watson	Montgomery

## SOPHOMORES

John Clausel Adams	Mobile
Burton Forsyth Austin	Chancellor
John Coleman Bragg	Moulton
Frank H. Clements	Athens
Fred Crenshaw	Montgomery
Robert Emmet Dixon (B. S., A. P. I.)	Sumterville
John Decatur Durden	Montgomery
Hillie Robert Dykes	Clio
Harry Lee Jackson (Ph. G., A. P. I.)	Rembert
Carl Thomas Jones	Newville
John Howard Kellis	Shuqualak, Miss.

NAME	RESIDENCE
Alto Leon Kelly	Taylor
Claud Owen Lawrence	Havana
Monte Leroy Mooror	Farmersville
Travis Stansell Moring	Abbeville
Christopher C. McClure	Mobile
William Newbury McClurkin	Caledonia
Lawrence Lyle McLendon	Opelika
Emit Colquett Ray	Andalusia
William Richard Rousseau	Huntsville
Joe Flournoy Rowe	Elba
Mercer Rowe	Elba
Lewis Edmond Sorrell	Jemison
Benjamin Franklin Thomas	Salem
Laban Benjamin Underwood	LeGrand

## FRESHMEN

Hale Albert Caldwell (A. B., A. P. C.)	Anniston
Thomas DeWitt Cowles (A. B., H. H. C.)	Highland Home
Emmett Baxter Frazer (B. S., U. of Ala.)	Mobile
Clarence Kelly Gilder	Carbon Hill
John Hurter Gordon (A. B., U. of S.)	Anniston
Thomas A. Snow	Palos
James Benson Sellers (B. Ped., S. N. S.)	Camden
Charter Howard Taylor (B. S., A. P. I.)	Autaugaville
Nelson Emmett Ware	Trussville

## DEPARTMENT OF PHARMACY

## CLASS OF 1915

H. H. Van Aller	Mobile
D. Berry	Mobile
J. C. McDavid	Mobile

## CLASS OF 1916

R. N. Eley	Montrose, Miss.
W. N. Gensert	Mobile
M. S. McGowin	Mobile



## SUMMER SCHOOL

SESSION 1914

NAME	TOWN	COUNTY
Allene Adams	New Decatur	Morgan
Olive Addison	Notasulga	Macon
Ann Hunley Agee	Selma	Dallas
Beatrice Agee	Sweet Water	Marengo
Eva M. Alexander	Owenton	Jefferson
Lillian Allen	Montevallo	Shelby
Ola Seay Allen	Huntsville	Madison
George J. Alston, Jr.	Tuscaloosa	Tuscaloosa
Mrs. James A. Anderson	University	Tuscaloosa
Leon Manford Anderson	Sellers	Crenshaw
Ethel Andrews	Jackson	Clarke
Marie Arantz	Decatur	Morgan
Toxey Ard	Ozark	Dale
Jacob Leroy Arnold	Opp	Covington
Elizabeth Atkins	Opelika	Lee
Frank M. Atkins	Heflin	Cleburne
Josie Lee Atkins	Opelika	Lee
John Clement Avant	Eclectic	Elmore
Carrie Aycock	Decatur	Morgan
Orin Parkhurst Ayres	Headland	Henry
Dora Virginia Bailey	Jenifer	Talladega
Andrew Lawrence Baker	Elkmont	Limestone
Buena Baker	Northport	Tuscaloosa
James Charles Baker	Berry	Tuscaloosa
Kirk Baker	Trinity	Morgan
Laura Baker	Vernon	Lamar
Vera Alberta Baker	Berry	Tuscaloosa
Fannie Agnes Ballard	Jackson	Clarke
Mrs. Robert A. Ballowe	Eufaula	Barbour
Melson Barfield	Lineville	Clay
Lillian Barksdale	Athens	Limestone
George Elbert Barnett	Rogersville	Lauderdale
Clara E. Barnett	Tallassee	Elmore
Sallie Irby Barnett	Brewton	Escambia
Edna Belle Barr	Huntsville	Madison
Pearl Dorsey Baskin	Murry Cross	Etowah

NAME	TOWN	COUNTY
Thomas Bealle	Northport	Tuscaloosa
William Gleason Bean	Heflin	Cleburne
Bettie Bennett	Highland Home	Crenshaw
Ethel Eugenia Berry	Montgomery	Montgomery
Willie Biddle	Haleyville	Winston
Madge Blair	Tuscaloosa	Tuscaloosa
Sam Harp Blue	Elba	Coffee
Jennie Bolte	Cullman	Cullman
Thomas David Boman	Heflin	Cleburne
Georgia Booker	Local	Monroe
Benjamin F. Borom	Hurtsboro	Russell
A. Delbert Bowen	Russellville	Franklin
Jerre Warner Boyd	Sprague	Montgomery
Irene Bozeman	Searight	Covington
Annie Louise Brooks	Perdue Hill	Monroe
John Wesley Brown, Jr.	Sylacauga	Talladega
Joseph Lucien Brown	Gadsden	Etowah
Eva Blanche Bruce	Waverly	Lee
Bessie Brumbeloe	Roanoke	Randolph
Emmett Treadwell Brunson	Elba	Coffee
Alma Bryant	Bayou LaBatre	Mobile
Charlie C. Bryant	Tuscaloosa	Tuscaloosa
William Monroe Bryant	Camden	Wilcox
Marion Lee Burchfield	Kellerman	Tuscaloosa
Minnie Burel	Albertville	Marshall
Emilie Burleson	Eutaw	Greene
Frank L. Butts	Ethelsville	Pickens
Joshua Quintin Buzbee	Sipsey	Walker
Mattie Rebecca Byrd	Ozark	Dale
Wyatt Adolphus Byrd	New Market	Madison
Pearl Caller	Birmingham	Jefferson
Elizabeth Mayes Cameron	Mt. Hebron	Greene
Mrs. Frances Cameron	Luverne	Crenshaw
Mary Louise Cameron	Mt. Hebron	Greene
Natalie H. Cameron	Mt. Hebron	Greene
William Green Cameron	Luverne	Crenshaw
Earl Roy Campbell	Columbia	Houston
Myrtle Campbell	Tuscaloosa	Tuscaloosa

NAME	TOWN	COUNTY
Annelula Cannon	Sylacauga	Talladega
James Monroe Cannon	Jacksonville	Calhoun
Mary Amanda Capell	Louisville	Barbour
Anna Jane Card	Tuscaloosa	Tuscaloosa
Ela Reid Card	Tuscaloosa	Tuscaloosa
Annie Swift Carmichael	Goodwater	Coosa
Patrick Henry Carmichael	Goodwater	Coosa
Kathleen Carr	Uniontown	Perry
Mamie Carrell	Gainesville	Sumter
William Augustus Carruth	Heflin	Cleburne
Ida Lucile Carter	Monroeville	Monroe
John Thomas Carter	Goshen	Pike
Lois Carter	Wadley	Chambers
Viola Carter	Goshen	Pike
Dozier Nathaniel Cartledge, Jr.	James	Bullock
Nellie Chaffin	Troy	Pike
Meta L. Chapman	Grove Hill	Clarke
Annie Cherry	Vida	Autauga
Etta Louisa Cherry	Vida	Autauga
Cecile M. Chilton	Montgomery	Montgomery
May Chitwood	Anniston	Calhoun
John B. Clark	Guin	Marion
Mrs. Lillie Pierce Clark	Guin	Marion
Basil Clarke	Birmingham	Jefferson
Jennie May Clarke	Abbeville	Henry
Maude Clemmons	Blountsville	Blount
Grey Cleveland	Centreville	Bibb
Addie Estelle Clifton	Eufaula	Barbour
Lucile M. Cobb	Tuskegee	Macon
Elvira M. Cochrane	Tuscaloosa	Tuscaloosa
Edna Cohen	Montgomery	Montgomery
Erline Coleman	Coker	Tuscaloosa
Mrs. Fannie Collier	Decatur	Morgan
Gertrude Grey Collins	Scottsboro	Jackson
Nellie Collins	Warrior	Jefferson
Emma Compton	Wayne	Marengo
Jimmie Merle Compton	University	Tuscaloosa
Myrtle Irene Compton	Wayne	Marengo

NAME	TOWN	COUNTY
Elma Conard	Demopolis	Marengo
Festus Malachi Cook	Pratt City	Jefferson
Charlotte Cope	Union Springs	Bullock
Emory Wiley Corley	University	Tuscaloosa
Lillian Estelle Cottle	Andalusia	Covington
Bernice Cowart	Troy	Pike
Cora Cowart	Nauvoo	Walker
Nell Cowart	Nauvoo	Walker
Winnie Mae Cowen	Bessemer	Jefferson
Bessie Comer Cox	Three Notch	Bullock
Harriet Lee Crawford	Dothan	Houston
Herman Fretwell Criden	Piper	Bibb
Annie Laurie Cullens	Ozark	Dale
Daisy Curtis	Double Springs	Winston
Louise Donald Cunningham	Marion Junction	Dallas
Robert E. Cunningham	Mobile	Mobile
Ruth I. Cunningham	Talladega	Talladega
Charles Collier Dailey	Centreville	Bibb
Evie Dailey	Chestnut	Monroe
Daisy Lorraine Dale	Oakhill	Wilcox
Eron Daniel	Attalla	Etowah
Recy Lewis Daniel	Sellers	Montgomery
Pearl Davidson	Cleveland	Blount
Dora Davis	Jasper	Walker
Margaret Morton Davis	Tuscaloosa	Tuscaloosa
Mary Davis	Clanton	Chilton
Mary Helen Davis	Pittsview	Russell
Ola Gertrude Davis	Tuscaloosa	Tuscaloosa
Ola Irene Davis	Hardaway	Macon
Tommie Lee Davis	Notasulga	Macon
Andrew Lewis Dawson	Tuscaloosa	Tuscaloosa
Mrs. L. O. Dawson	Tuscaloosa	Tuscaloosa
Mary Eleanor Dean	Hope Hull	Lowndes
Homer C. Denton	Dawson	DeKalb
Mrs. H. C. Denton	Dawson	DeKalb
Bettie DeSear	Old Spring Hill	Marengo
Lottie Dew	Greensboro	Hale
Eunice Dickinson	Lincoln	Talladega



NAME	TOWN	COUNTY
James Virgil Dillard	McConnells	Tuscaloosa
Brewer Dixon	Talladega	Talladega
Eva Lou Donovan	Marion	Perry
Allie Mae Douglas	Brewton	Escambia
Buell Walter Douglas	Cordova	Walker
Darling Dennis Douglas	Cordova	Walker
Mabry Frazier Dozier	Lower Peach Tree	Wilcox
Nellie Drake	New Decatur	Morgan
Laura DuBose	Red Level	Covington
Louise Lawson Dugger	Tuscaloosa	Tuscaloosa
Ruth Dunkin	Prattville	Autauga
Annie Dunn	Prattville	Autauga
Fannie Dunn	Prattville	Autauga
Julia DuPre	Attalla	Etowah
Lucy Durrett	Tuscaloosa	Tuscaloosa
Margaret Carolyn Durrett	Northport	Tuscaloosa
Homer G. Dyer	Altoona	Blount
Luther T. Dyer	Quinton	Jefferson
Genie Dykes	Union Springs	Bullock
Mae Eanes	Mobile	Mobile
Annie Julia Eatman	Eutaw	Greene
William Graham Echols	University	Tuscaloosa
Lem Alvin Edmondson	Somerville	Morgan
Rena Lee Edwards	Enterprise	Coffee
Thomas E. Ellis	Melborne	Lamar
Mrs. Thomas E. Ellis	Melborne	Lamar
Beatrice Elliott	Abernant	Tuscaloosa
Lizzie Lee Elliott	Coatopa	Sumter
Willie Blair Elliot	Moundville	Hale
Mrs. Cora Epperson	Comer	Barbour
Mary Esslinger	Huntsville	Madison
Blanche Evans	Goodwater	Coosa
Andrew Franklin Farris	Galloway	Walker
James Martin Farris	Elba	Coffee
John Jackson Farris, Jr.	Elba	Coffee
Winnie Davis Farrior	Letohatchee	Lowndes
Delphine Feminear	Bay Minette	Baldwin
Corinne Ferrell	Tuscaloosa	Tuscaloosa

NAME	TOWN	COUNTY
Erva Orlene Finch	Tecumseh	Cherokee
Iris Finley	Decatur	Morgan
Preston Sidney Findley	Tuscaloosa	Tuscaloosa
Julia Judson Finnell	Tuscaloosa	Tuscaloosa
Mary Emily Fitts	Tuscaloosa	Tuscaloosa
Annie Pearl Fleet	Knoxville	Greene
Henry Isaac Flinn	Rutledge	Crenshaw
Roy Luther Flowers	New Brocton	Coffee
Grace M. Forbes	Birmingham	Jefferson
Mrs. W. G. Forehand	Fort Deposit	Lowndes
Norma Fortner	Dothan	Houston
Mrs. Jennie Smith Foster	Camden	Wilcox
Austin Alwin Fowler	Bankston	Fayette
David Solomon Franklin	Yolande	Tuscaloosa
John Inzer Freeman	Ashville	St. Clair
Mary Leona Freiley	Brookwood	Tuscaloosa
Evelyn Frost	Attalla	Etowah
Bessie L. Fuller	Marion	Perry
Essie Fuller	Roanoke	Randolph
Elizabeth Fuqua	Florence	Lauderdale
Nellie W. Fuqua	Florence	Lauderdale
Berne Garrett	Madison	Madison
Charlie McKee Gary	Birmingham	Jefferson
Lucile Gauntt	East Tallassee	Tallapoosa
Frieda Geisler	Adger	Jefferson
Annie Mary Gewin	Cedarville	Hale
S. H. Gibbons	Montgomery	Montgomery
Mrs. J. B. Gibbons	University	Tuscaloosa
Kate Gilchrist	Geneva	Geneva
Olive B. Giles	Tuscaloosa	Tuscaloosa
Boyce Titchenor Giles	Tuscaloosa	Tuscaloosa
Guy Gilliland	Tuscaloosa	Tuscaloosa
Lucile Gillis	DeFuniak Springs, Walton, Fla.	
Madie Know Gillis	DeFuniak Springs, Walton, Fla.	
Nell E. Gilmer	Fruitdale	Washington
Gladys Gladney	Wedowee	Randolph
Ola May Glass	Linden	Marengo
Nannie Bowie Golden	Talladega	Talladega

NAME	TOWN	COUNTY
Gertrude Graham	Athens	Limestone
Patrick Thomas Graves	Leighton	Colbert
Mary Gray	Athens	Limestone
Barney Greer	Gordo	Pickens
Leila Green	Selma	Dallas
Mary Fitzgerald Griggs	Montgomery	Montgomery
Mrs. Maggie Haag	Birmingham	Jefferson
Mrs. Mary E. Hagler	Prattville	Autauga
Ernest Haines	Huntsville	Madison
Anna Virginia Hale	Tuscaloosa	Tuscaloosa
John Cowell Hales	West Greene	Greene
Cecil Harriet Hampton	Huntsville	Madison
Mrs. Daniel Harmon	Blocton	Bibb
Ida Harris	Akron	Hale
Minnie Harris	Grady	Montgomery
Jeff Davis Harris	Ramer	Montgomery
Augusta Harwood	Tuscaloosa	Tuscaloosa
Nannie Hartsfield	Eufaula	Barbour
Diana Hausman	Tuscaloosa	Tuscaloosa
Mrs. Lucy Hawkins	Luverne	Crenshaw
Solomon Lee Haywood	Heflin	Cleburne
Vicie Heflin	Wedowee	Randolph
Nyde W. Henson	Jemison	Chilton
Mae Hereford	Fayetteville	Lincoln, Tenn.
Einnan Herndon	Falkville	Morgan
James Weaver Heustess	Opp	Covington
Marion A. Hicks	Talladega	Talladega
Clara Hieber	Cullman	Cullman
Annilu Hilton	Heflin	Cleburne
Arthur Louis Hinckley	University	Tuscaloosa
Alice Hinckley	University	Tuscaloosa
Abbie Hinckley	University	Tuscaloosa
Mary Hodo	Millport	Lamar
Jimmie Lee Holder	Meridianville	Madison
Vada Holemon	Northport	Tuscaloosa
Laura Lou Holman	Ozark	Dale
Roy Keith Hood	Roanoke	Randolph
Claude Allison Hope	Sunny South	Wilcox

NAME	TOWN	COUNTY
Gladys N. Horn	Sylacauga	Talladega
Odie Duncan House	Hollins	Clay
Ethel Murray Houser	Anniston	Calhoun
Arthur Howard	Tuscaloosa	Tuscaloosa
Rebecca Howell	Talladega	Talladega
Jessie Howell	Cherokee	Colbert
Annie Judson Huckabee	Pine Apple	Wilcox
Evie M. Hughey	Elkton	Giles, Tenn.
Holland Huntington	University	Tuscaloosa
Mary Theresa Hunter	Dothan	Houston
Robert Hudson	Rogersville	Lauderdale
Lottie Lee Hurst	Birmingham	Jefferson
Mary Huston	Talladega	Talladega
Oscar W. Hyatt	Trade	Cullman
Albert Arthur Ingram	Delta	Clay
Marguerite Irwin	Selma	Dallas
Nettie Fair Irwin	Selma	Dallas
Bessie Jackson	Dixon's Mills	Marengo
Pearle Jackson	Dixon's Mills	Marengo
Mrs. Winnie Jackson	Deatsville	Elmore
Mary Ellen Jackson	Wetumpka	Elmore
Daniel Webster Jackson	Camp Hill	Tallapoosa
Ruth Jacobs	Goodwater	Coosa
Janetta Jeffrey	Tuscaloosa	Tuscaloosa
Mims Torrey Jemison	Tuscaloosa	Tuscaloosa
Robert Alexander Johnston	Tuskegee	Macon
William McDow Johnston	Meridian	Lauderdale, Miss.
Flora McNeill Johnson	Jemison	Chilton
Bessie Mae Johnson	Anniston	Calhoun
Bonnie B. Jones	Tuscaloosa	Tuscaloosa
Pearl Alma Jones	Troy	Pike
T. M. Jones	Decatur	Morgan
Ewell Jones	Tuscaloosa	Tuscaloosa
Corinne Jones	Cottonwood	Houston
Franklin Jacob Jones	Cottonwood	Houston
Julia Fidelia Sledge Jones	Greensboro	Hale
Verna Velma Jones	Highland Home	Crenshaw
Addie Mae Jordan	Roanoke	Randolph



NAME	TOWN	COUNTY
Sallie Justice	Geneva	Geneva
Oscar Kafka	Berlin	Germany
Stella Keahey	Marion Junction	Dallas
Benjamin Hughes Kennedy, Jr.	Birmingham	Jefferson
Grace Kemp	Shawmut	Chambers
Omar Kimbler	Fruitdale	Washington
Winnie Kirby	Scottsboro	Jackson
Ethel Kirkland	Birmingham	Jefferson
Lois Kitchens	Wadley	Randolph
Winnie Lou Laird	Rehoboth	Wilcox
Mae Landers	Heflin	Cleburne
Eli Frank Landers	Wedowee	Randolph
Eli Jefferson Landers	Newell	Randolph
Rose Vernon Laney	Mobile	Mobile
Vivian Orletta Langley	Opelika	Lee
Fay Langston	Andalusia	Covington
Joanna Belle LaRue	Trinity	Morgan
Lois Lazenby	Forest Home	Butler
Irene Lavender	Ethelsville	Pickens
Beebe Blanton Lawson	Adamsville	Jefferson
Emily Leach	Tuscaloosa	Tuscaloosa
Walter Scott Leatherwood	Lanett	Chambers
Pierre Lee	Elba	Coffee
Zora LeSueur	Samantha	Tuscaloosa
Alma Lewis	Wayne	Marengo
Huldah Lewis	Blocton	Bibb
Ruby Rebecca Lewis	Wayne	Marengo
Edna Lewis	Mobile	Mobile
Mattie B. Lewis	Mobile	Mobile
Fred Albert Lewis	Talladega	Talladega
Kate Baker Lile	Trinity	Morgan
Edna Linn	Adamsville	Jefferson
George B. Linton	Lineville	Clay
Eunice Fay Lisenbe	Shiloh	Marengo
Margaret C. Little	Tuscaloosa	Tuscaloosa
Annie Laurie Lockhart	Opelika	Lee
Gaye Loftin	Hartford	Geneva
Eunice Logan	Brundidge	Pike

NAME	TOWN	COUNTY
Martha Antinette Long	Tuscaloosa	Tuscaloosa
Eliza Long	Tuscaloosa	Tuscaloosa
Ida May Lunceford	Tuscaloosa	Tuscaloosa
Mrs. Willie M. Lumpkin	Blountsville	Blount
Maude Luttrell	Oxford	Calhoun
Mary Ellen McArdle	Tuscaloosa	Tuscaloosa
Felix Hale McCann	Tuscaloosa	Tuscaloosa
Dana Beryl McCann	Tuscaloosa	Tuscaloosa
Samuel James McCall	Collinsville	DeKalb
Marguerite McCarty	Quitman	Brooks
Lola Belle McCullough	Jacksonville	Calhoun
Thomas Elmore McCullough	Jacksonville	Calhoun
Dahlia McCormack	Littleton	Jefferson
Sarah Marr McCormick	Tuscaloosa	Tuscaloosa
John A. McCrory, Jr.	Butler Springs	Butler
Susie Lee McCrary	Greensboro	Hale
Eugene Clifton McDaniel	Cuba	Sumter
Minnie McDaniel	Cuba	Sumter
Maud McDaniel	Cuba	Sumter
George Roland McElroy	Cuba	Sumter
Leroy McEntire	Decatur	Morgan
Leona McGee	Northport	Tuscaloosa
Lela May McGee	Slocomb	Geneva
Nettie McGhee	Rock Castle	Tuscaloosa
Madeline McGowin	Mason	Escambia
Lois Pearl McFadden	Ariton	Dale
Rubie McKay	Wedowee	Randolph
Mamie McKay	Wedowee	Randolph
Clyde McKay	Wedowee	Randolph
Annewille McKinnon	Chancellor	Geneva
Onyx McKinnon	Chancellor	Geneva
May McLeod	Jackson	Clarke
Hattie McMahan	Hopewell	Cleburne
Ola McMahan	Hopewell	Cleburne
Ruth McNair	River Falls	Covington
Maud McNair	River Falls	Covington
Gretchen McNair	River Falls	Covington
D. A. McNeill	Talladega	Talladega

NAME	TOWN	COUNTY
Mrs. D. A. McNeill	Talladega	Talladega
Zella Abigale McWhorter	Riverton	Colbert
Rose Edith Mackey	Anniston	Calhoun
Wallace Davis Malone	Dothan	Houston
George Yewell Malone	Pensacola	Escambia, Fla.
Grace Edna Manes	Fulton	Clarke
Samuel M. Maund	Slocumb	Geneva
Thomas Cummings Manning	Talladega	Talladega
Ethridge McCoy Manning	Talladega	Talladega
Genie E. Martin	Seman	Elmore
Ethel Josephine Martin	Stewart	Hale
Jessie Elizabeth Martin	Girard	Russell
Ennis Matthews	Goodwater	Coosa
Cora Elouise Mattison	Riderville	Chilton
Austin B. Mauldin	Montevallo	Shelby
Burnie Maxwell	Atmore	Escambia
Ruth May	Benton	Lowndes
Elizabeth Mayes	Birmingham	Jefferson
Early Moses Meadows	Equality	Coosa
John Conley Merchant	Ashville	St. Clair
Elizabeth Meredith	Anniston	Calhoun
Kathrine Meriwether	Demopolis	Marengo
Marie Merriam	Rome	Georgia
John Enoch Middlebrooks	Hightower	Cleburne
Mrs. J. E. Middlebrooks	Hightower	Cleburne
Mrs. A. G. Miller	University	Tuscaloosa
Hugh Cleveland Miller	Enterprise	Coffee
Blanche Mills	May	Tuscaloosa
Anne Jacobs Montgomery	Birmingham	Jefferson
Leon Maurice Montgomery	Montgomery	Montgomery
Truchie Montgomery	Coker	Tuscaloosa
Capitola Bruce Moody	Birmingham	Jefferson
Charles Cecil Morgan	Tuscaloosa	Tuscaloosa
Ena Vivian Morris	Columbus	Lowndes, Miss.
John Billie Morris	Sulligent	Lamar
Jackson L. Morrow	Plantersville	Dallas
Edith Edna Morrow	Summerfield	Dallas
Octa Lucile Mozeley	Thomasville	Clarke

Elizabeth Mullins	Fortson	Harris, Ga.
Grace Murphy	Shawmut	Chambers
Mamie Mynatt	Lincoln	Talladega
Sallie Neighbors	Springville	St. Clair
Lola Nelson	Dozier	Crenshaw
Maggie Elizabeth Nettles	McWilliams	Wilcox
Fay Staples Newman	Goodwater	Coosa
Mae Newman	Goodwater	Coosa
Annie Elizabeth Newman	Buffalo	Chambers
Jesse James Newman	Buffalo	Chambers
Florence Newton	Dowagiac	Cass, Mich.
Willie Roosevelt Norton	Decatur	Morgan
Walter F. Oakley, Jr.	Columbia	Houston
Minnie Agnes O'Connor	Mobile	Mobile
Ruth Ogletree	Sylacauga	Talladega
Elizabeth Ogletree	Sylacauga	Talladega
Luther O'Quinn	Tuscaloosa	Tuscaloosa
Eugenia Ormond	Tuscaloosa	Tuscaloosa
Virginia Ormond	Tuscaloosa	Tuscaloosa
Iona Oswalt	Tuscaloosa	Tuscaloosa
Ruth Padgett	Andalusia	Covington
Minna Gayle Palfrey	Franklin	St. Mary's, La.
Stark Orlando Park	University	Tuscaloosa
Gideon Optic Parker	Searight	Covington
Wellington Cleveland Parsons	Adger	Jefferson
William Blaine Parsons	Adger	Jefferson
McDaniel Benson Partin	Neenah	Wilcox
Boyd Payne	Saginaw	Shelby
Florrie Peacock	Troy	Pike
Margaret Peacock	Troy	Pike
James Overby Pearson	Alexander City	Tallapoosa
Clara Pearson	Eclectic	Elmore
Lou Ella Peebles	Demopolis	Marengo
Katharyne Perdue	Calhoun	Lowndes
Jefferson Cumley Pennington	Wetumpka	Elmore
Jennie Caroline Perkins	New Decatur	Morgan
William Clarence Petty	Collinsville	DeKalb
Evelyn Peyton	Selma	Dallas
Annie Belle Phifer	Tuscaloosa	Tuscaloosa



NAME	TOWN	COUNTY
Dora Plemmons -----	Falkville -----	Morgan
Jessie Maynard Porter -----	Georgiana -----	Butler
Mollie Porter -----	Scottsboro -----	Jackson
Laura Pauline Posey -----	Piedmont -----	Calhoun
Mary Lucile Powell -----	Letohatchee -----	Lowndes
Samuel Houston Power -----	Opelika -----	Lee
Robert D. Powell -----	River Falls -----	Covington
Osie Clyde Prather -----	Auburn -----	Lee
Lois Presley -----	Georgiana -----	Butler
Nelson Wilmer Proctor, Jr. -----	Birmingham -----	Jefferson
Charles Franklin Quarles -----	Vance -----	Tuscaloosa
Mary Ethel Raley -----	Grady -----	Montgomery
Oscar Blount Ralls, Jr. -----	Gadsden -----	Etowah
Clara Ramey -----	Greensboro -----	Hale
Thomas Bailey Ray -----	Ward -----	Sumter
Cas Reagan -----	Delta -----	Clay
Nelle Luna Reagan -----	Delta -----	Clay
William Allen Reagan -----	University -----	Tuscaloosa
Laurie May Reasonover -----	Mobile -----	Mobile
Kathleen Reaves -----	Eufaula -----	Barbour
Adelene Ward Reed -----	Tuscaloosa -----	Tuscaloosa
Mrs. Lorenzo T. Reeves -----	Tuscaloosa -----	Tuscaloosa
Viola Reid -----	White Oak Springs -----	Barbour
Stella Thelma Rentz -----	Vangale -----	Marengo
Hickman Riley -----	Elba -----	Coffee
Arthur Riser -----	Milltown -----	Chambers
Ethel Roberts -----	Athens -----	Limestone
Ben Robertson -----	Wetumpka -----	Elmore
Ada Robertson -----	Bessemer -----	Jefferson
Sarah Malcolm Rogers -----	Athens -----	Limestone
Maryland Boothe Rolen -----	Tuscaloosa -----	Tuscaloosa
May Rouse -----	Northport -----	Tuscaloosa
Jesse Mercer Rowe -----	Elba -----	Coffee
Harry Rowe -----	Elba -----	Coffee
Annie Lee Rushing -----	Ward -----	Sumter
Mary Belle Rushing -----	Ward -----	Sumter
Franke Salter -----	Goshen -----	Pike
Joseph Williams Samuels -----	Rockford -----	Coosa

Armatine Sanderson	Fort Deposit	Lowndes
Rebecca Elizabeth Sandlin	Alexander City	Tallapoosa
Mary Frances Sanford	Wetumpka	Elmore
Ora Lucy Sapp	Cullman	Cullman
Esther Sawyer	Samson	Geneva
Nannie Roberta Scarbrough	Guerryton	Bullock
Emma Beard Searce	Georgetown	Scott, Ky.
Adolph Mark Schmitt	Tuscaloosa	Tuscaloosa
Bula Schoffner	Brewton	Escambia
James Franklin Scofield	Opp	Covington
Noah Oscar Scott	Adamsville	Jefferson
Lillian Secord	Tuscaloosa	Tuscaloosa
Felix Sylvester Self	Morris	Jefferson
Jesse Ellis Self	Pinson	Jefferson
Annie Laurie Sellers	Franklin	Monroe
Leila Sessions	Myrtlewood	Marengo
Ethel Sessions	Myrtlewood	Marengo
William Grover Shamblin	Coker	Tuscaloosa
Mattie Shaw	Cuba	Sumter
Georgia Shirley	Gordo	Pickens
Annie Rebecca Siddall	Phoenix	Lee
Morgan Foshee Simmons	Andalusia	Covington
Thomas Andrew Sims	Nauvoo	Walker
Claude B. Sims	Talladega	Talladega
Grace Smith	Tuscaloosa	Tuscaloosa
Sallie Smith	Wadley	Randolph
Mary Annie Smith	Wadley	Randolph
Inez Smith	Selma	Dallas
Marie Smith	Robertsdale	Baldwin
William Thurlow Snoddy	Double Springs	Winston
Cora Snyder	Northport	Tuscaloosa
William Clarence Spidle	Belmont	Sumter
Kathleen Spigener	Marion	Perry
Lillian Srygley	Town Creek	Lawrence
Mary Martha Stacy	Tuscumbia	Colbert
William Columbus Stapleton	Letohatchee	Lowndes
Mary Steen	Pine Apple	Wilcox
Mrs. F. C. Steele	Cuba	Sumter
Arzelia Vivetta Stewart	Alexander City	Tallapoosa

NAME	TOWN	COUNTY
Mary Agnes Stewart	Old Spring Hill	Marengo
Nancy Orr Stitt	Wehadkee	Randolph
Paschal Otis Stone	Northport	Tuscaloosa
Ernest Lelah Stough	Red Level	Covington
Clara Sullivan	Grady	Montgomery
W. E. G. Sutton	Jackson	Clarke
Sarah Buena Tatum	Abanda	Chambers
Verdie Taylor	Roanoke	Randolph
Willie Tarwater	Gadsden	Etowah
Emma TeBow	Atlanta	Fulton, Ga.
Bennie Lee Tew	Ward	Sumter
Samuel Marshal Tharp	Whatley	Clarke
Roy Milner Thigpen	Birmingham	Jefferson
Judith Elvie Thigpen	Uchee	Russell
Elsie Asbury Thomas	Haleyville	Winston
Ralph Cage Thomas	Ashby	Bibb
Mrs. Mabel Wilson Thomas	Stewart	Hale
Oscar Kelly Thomas	Cuba	Sumter
Vernon Thomas	Montevallo	Shelby
Esther Thompson	Wadley	Randolph
Ione Estelle Thompson	Meridianville	Madison
Mabel Thompson	Hartford	Geneva
Kathleen Tidmore	Moundville	Hale
Flora Edna Tidwell	Haleyville	Winston
Vivian Tilman	Decatur	Morgan
Florence Tilman	Decatur	Morgan
Florence Tims	Cyril	Choctaw
Hallie Todd	Birmingham	Jefferson
William Lee Tomlinson	Brookwood	Tuscaloosa
Pet Trotter	Lincoln	Tallapoosa
Edna Tucker	Equality	Coosa
Thomas Ellis Tucker	Catherine	Wilcox
Wiley Kendrick Tyner	Glenwood	Crenshaw
Mrs. Myra Will Tye	Ozark	Dale
Janie Vann	Gadsden	Etowah
James Wesley Vann	Birmingham	Jefferson
Bessie Veazey	LaFayette	Chambers
Jimmie Cue Veazey	LaFayette	Chambers

NAME	TOWN	COUNTY
Robert Poole Vick	Dixon's Mills	Marengo
George G. Vickers	Ashland	Clay
Etta Lee Waits	Florence	Lauderdale
Ella Walker	Luverne	Crenshaw
Laura Morton Walker	Autaugaville	Autauga
Gladys Wall	Floral	Covington
Evelyn Norman Waller	Montgomery	Montgomery
Robert Salter Ward	Hartford	Geneva
Emmie Lucinda Warren	Clayton	Barbour
Charles Spencer Warren	Montgomery	Montgomery
Mattie L. Waters	Brundidge	Pike
Alice Leigh Waters	Brundidge	Pike
Viola Watkins	Tuscaloosa	Tuscaloosa
Eva North Watson	Centerville	Bibb
G. Henry Watson	Moulton	Lawrence
Florida Watson	Lincoln	Talladega
Flora Louise Watson	Lincoln	Talladega
Rowe Watson	University	Talladega
Eugene Watts	Caledonia	Wilcox
Martha Louise Weaver	New Decatur	Morgan
Mattie Frazer Webb	Talladega	Talladega
Annette Webb	Talladega	Talladega
Nancy Ola Weed	Ariton	Dale
Pearl Edna Weekley	Perdido	Baldwin
Lula May Wedgworth	Fort Payne	DeKalb
Mildred Ethel Weir	Ripley	Limestone
Mamie Sue Whatley	Tyler	Dallas
Grace White	Searight	Crenshaw
Annie White	Cuba	Sumter
Maud Janet White	Cuba	Sumter
Mrs. Emmie Whitehead	Demopolis	Marengo
Bessie Whorton	Gadsden	Etowah
Eunice Wigley	University	Tuscaloosa
Lucy Wilds	Tuscaloosa	Tuscaloosa
Bessie Lee Wilhelm	Montgomery	Montgomery
Mabel Williams	Greensboro	Hale
Mrs. Emma Williams	West Point	Troup, Ga.
Palmer Lee Williams	Goodwater	Coosa



NAME	TOWN	COUNTY
Charles Martin Williams	Goodwater	Clay
Clinton Edward Williams	Luverne	Crenshaw
Peyton Ward Williams	University	Tuscaloosa
Clara Williamson	Mobile	Mobile
Wesley Eugene Wilson	Orrville	Dallas
Lucy Wilson	Orrville	Dallas
Rosa Lee Wilson	Jackson	Clarke
Permilla Caroline Wilson	Union Springs	Bullock
Mabel Lee Windham	Mobile	Mobile
Lola Cassandra Winton	New Decatur	Morgan
Gladys Worthington	Montgomery	Montgomery
Annie Lizzie Wright	Loachapoka	Lee
Myrtis Kyle Wright	Birmingham	Jefferson
Lala Yarbrough	Decatur	Morgan
Robert T. Yarbrough	Lamar	Randolph
George Yarbrough	Lamar	Randolph
Della Yaretzky	Demopolis	Marengo
Edwin P. Yeldell	Brewton	Escambia
Eudora Maxwell Yerby	Tuscaloosa	Tuscaloosa
Gertrude Yerby	Tuscaloosa	Tuscaloosa
Kathleen Yerby	Tuscaloosa	Tuscaloosa
Ruth Young	Tyler	Dallas
Clara Lucile Yow	Pine Hill	Wilcox
Ella L. Yow	Pine Hill	Wilcox
Vivian Gertrude Zoch	Eclectic	Elmore

# Summary

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## OFFICERS OF INSTRUCTION AND GOVERNMENT

Professors .....	51
Instructors and assistants .....	40
Other officers .....	14

### Students

#### I. College of Arts and Sciences:

Graduate students .....	7
Seniors .....	52
Juniors .....	64
Sophomores .....	114
Freshmen .....	174
Special students .....	18

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429

#### II. College of Engineering:

Graduate students .....	4
Seniors .....	9
Juniors .....	22
Sophomores .....	24
Freshmen .....	36
Special students .....	4
Students in A. and S. and Eng. ....	10

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109

#### III. School of Law:

Seniors .....	68
Juniors .....	64
Special students .....	14
Students in A. and S. and Law .....	11

---

157

## IV. School of Medicine:

Seniors -----	13
Juniors -----	18
Sophomores -----	25
Freshmen -----	9
	<hr/>
	65

## V. Department of Pharmacy:

Class of 1915 -----	3
Class of 1916 -----	3
	<hr/>
	6
Total -----	766
Names counted twice -----	21
	<hr/>
Net total regular session -----	745
Enrollment in Summer School -----	633
	<hr/>
Total from June, 1914, to June, 1915---	1378

# Degrees, Honors and Prizes

AWARDED IN 1914

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## MASTERS OF ARTS

NAME	RESIDENCE
Oliver Cromwell Carmichael, A. B.-----	Goodwater
Toxey Hannon Sewell, A. B.-----	Titus

## MASTERS OF ARTS IN EDUCATION

Jefferson Cumley Pennington, A. B.-----	Wetumpka
James Wesley Vann, A. B.-----	Birmingham

## CIVIL ENGINEERS

Charles Douglas Riddle, B. S. in C. E.-----	Talladega
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## CHEMICAL ENGINEERS

Charles Arthur Abele-----	Ensley
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## MECHANICAL ENGINEERS

Charles Allen Long, B. S. in C. E.-----	Bessemer
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## BACHELORS OF ARTS

Memory Lee Aldridge-----	LaFayette
Idyllette Evelyn Batte-----	Summerfield
William Gleason Bean-----	Heflin
William Craig Beebe-----	Livingston
Fannie Mabel Benson-----	Forest Home
Omer Carmichael-----	Hollins
James Mason Douglass-----	Russellville
Marcus J. Fletcher-----	Andalusia
Richard Clarke Foster-----	Montgomery
James Booth Gibbons-----	Montgomery
Noble Frank Greenhill-----	Russellville
Anna Virginia Hale-----	Tuscaloosa
Charles Marshall Hamilton-----	Russellville



NAME	RESIDENCE
Joseph Lister Hill	Montgomery
Roy Keith Hood	Roanoke
Claude Allison Hope	Sunny South
Jesse Hamilton Jackson	Alexander City
James Frederick Johnson, Jr.	Florence
Richard Earle Jones	Jones Mills
Frontis Hall Moore	Akron
Ruby Patton	Tuscaloosa
Calvin Poole	Greenville
Emmett Gordon Radford	Alexander City
J. Alex Reynolds	Ozark
Lessie Reynolds	Jemison
Cassie Belle Robinson	New Decatur
Marion Beirne Spragins	Huntsville
Ernest Kimbrough Staggers	Benton
Sellers Stough	Red Level
George William Thompson	Montgomery
Coleman Hargrove Van de Graaff	Tuscaloosa
Anita Caroline Waldhorst	Birmingham

## BACHELORS OF SCIENCE

Robert Charles Allison	Springville
James Edgar Bowron	Birmingham
Gregory Billups Brown, Jr.	Birmingham
William Webb Crawford, Jr.	Birmingham
Frances Watkins Davis	Tuscaloosa
Griffith Rutherford Harsh, Jr.	Birmingham
Bushnell Bennett Johnson	Gadsden
Lemuel Oscar Kyzar	Troy
Thomas J. Leslie	Weogufka
Lucy Elizabeth Ulmer	Butler

## BACHELORS OF ARTS IN EDUCATION

Oma Lee Epperson	Ensley
Sara Torbit Henry	Oak Hill
Hilda Agatha Penix	Montgomery

## BACHELORS OF SCIENCE IN EDUCATION

NAME	RESIDENCE
Ralph Waldo Cowart	Troy
Lewy Dorman	Clayton
William M. Faust, Jr.	Clio
William Arthur McGuff	University
Daniel World McLean	Clio
William Allen Reagan	Delta
Forrest Shelley Ward	Troy

## BACHELORS OF SCIENCE IN CIVIL ENGINEERING

Merrill Pratt Smith	University
Otis Welborn Dresslar	Nashville, Tenn.

## BACHELORS OF SCIENCE IN ELECTRICAL ENGINEERING

Andrew McMurray Miller	Nanafalia
Archie Gowen Riddick	Gurley
Guy Everett Whitman	Boaz

## BACHELORS OF SCIENCE IN MECHANICAL ENGINEERING

Gaston Drake Stollenwerck, Jr.	Uniontown
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## BACHELORS OF LAWS

Cecil Elmo Alexander	Prattville
Robert Lee Almon	Moulton
Cecil F. Bates	Mobile
James LeRoy Boyd	Hartford
John Miller Bradley	Birmingham
George Allen Brewer	Dadeville
Alpheus Leland Crumpton	Heflin
Freeman Bozeman Daniel	Birmingham
Nimrod Davis Denson, Jr.	LaFayette
Moritz E. Frohlich	Selma
George Arrington Glenn	Roanoke
Edwin Lee Goodhue	Gadsden
Benjamin Samuel Gross	Birmingham
William Edgar Harper	Herbert
W. Harold Joiner	Pittsview

NAME	RESIDENCE
Burnie Edward Jones	Jones Mills
Luther Brooks Liles	Anniston
Joseph Andrew McConnell, Jr.	York
Charles Watson McKay	Hollins
Farley William Moody	Tuscaloosa
Clarence Haddon Mullins	Marbury
Robert Lindsay Nathan	Sheffield
James Levi Orman	Russellville
Columbus Walter Peters	Hurtsboro
Dover Phillips	Jasper
Loran Frederick Sanford	Tuscaloosa
Claude Bernard Sims	Renfroe
Sidney Preston Smith	Birmingham
Grover Cleveland Walker	Goodwater
Charles Edwin Wilder	Montgomery
James Lamar Wiley	Troy
William Everett Wilkinson	Prattville

## DOCTORS OF MEDICINE

William Arthur Clark	New Decatur
James Horace Dodson	Covin
Maurice Miller Duncan	Montgomery
Necy Lewis Gachet	James
Claude George Godard	Mobile
Samuel Terrell Hardin	Northport
Wilbur Little Heard	Camp Hill
Lemuel Jefferson Johns	Edwardsville
Charles LeBaron, Jr.	Gulfport, Miss.
Charles David Mason	Henogan
George Guy Oswalt	Tuskegee
William McGehee Owsley	Wetumpka
Winston Carl Pool	Leakesville, Miss.
Jesse McCampbell Reed	Bay Minette
Wyatt Sanford Roberts	Lafayette

# Honors in 1914

At the close of each collegiate year special honors are conferred in accordance with the following regulation:

All regular students who make A in more than half of their work, estimated in hours, and B in the remainder shall be entitled to honors at commencement.

## IN THE COLLEGE OF ARTS AND SCIENCES

### SENIORS

Memory Lee Aldridge  
Fannie Mabel Benson  
Ralph Waldo Cowart  
Oma Lee Epperson  
William M. Faust  
Richard Clarke Foster  
Griffith Rutherford Harsh, Jr.  
Jesse Hamilton Jackson  
Richard Earle Jones  
Lemuel Oscar Kyzar  
Walter Flake Oakley, Jr.  
Ruby Patton  
Hilda Agatha Penix  
Calvil Poole  
Coleman Hargrove Van de Graaff  
Anita Caroline Waldhorst

### JUNIORS

Peyton Daniel Burford  
Beula Garrett  
Sterner St. Paul Meek  
Joseph David Peeler  
Leslie Anderson Walker  
Ruth Agnes Yerion

### SOPHOMORES

Aubrey Chester Cooper  
Marion Lamar Oakley  
Frances Fones Williams



## FRESHMEN

John Edmund Adams  
John Crues Bell  
Jennie May Clarke  
Blevins Coke Dunklin  
Solomon Garden  
Connie R. Helms  
Rose Vernon Laney  
Harley Athern Smith  
John Hamilton Smith

## IN THE COLLEGE OF ENGINEERING

## SENIORS

Guy Everett Whitman

## IN THE SCHOOL OF LAW

## SENIORS

George Allen Brewer  
Freeman Bozeman Daniel  
Nimrod Davis Denson, Jr.  
George Arrington Glenn  
Burnie Edward Jones  
Dover Phillips

## JUNIORS

Edmund Ruffin Beckwith  
John Shields Coleman  
Malvern Ulysses Griffin  
DeVane King Jones  
Vincent Kilborn  
John Howard McEniry

## IN THE SCHOOL OF MEDICINE

Wyatt Sanford Roberts  
Charles LeBaron, Jr.  
Lemuel Jefferson Johns

# Prizes in 1914

## IN THE COLLEGE OF ARTS AND SCIENCES

The Bryan prize, for the best essay on some subject relating to the science of government, was awarded to Burnie Edward Jones. Subject: The Recall of the Judiciary.

The Trustees prize, for the best oration delivered by a member of the senior class on senior day, was awarded to James Fred Johnson, Jr. Subject: Some Present-Day Immigration Problems.

The Tennant Lomax prize, for the best oration delivered by a member of the junior class at their annual contest, was awarded to Joseph Leon Israel. Subject: The Peace Movement.

The C. E. Thomas medal, for the best declamation in the freshman contest, was awarded to James Kenneth Morris. Subject: Baked Beans and Culture.

The C. E. Thomas medal, for the second best declamation in this contest, was awarded to John Hamilton Smith. Subject: Advice to Freshmen.

The Monnish prize, for the best original composition in German or the best translation at sight of a passage of English prose into German, was awarded to Miss Jennie Caroline Perkins.

## IN THE SCHOOL OF LAW

The Oliver prize, for the best paper on some practical subject, submitted to and passed on by Hon. E. W. Faith, of the Mobile bar, was awarded to George Arrington Glenn.

The Mayfield prize, for the best thesis upon some legal subject assigned by the law faculty, was awarded to Freeman Bozeman Daniel.

The American Law Book Company prize, for the best paper on some legal subject assigned by the law faculty, was awarded to Richard B. Kelly, Jr.

## IN THE SCHOOL OF MEDICINE

The Bush prize, for the highest scholarship record during the four years of the medical course, was awarded to Wyatt Sanford Roberts.

The Rhett Goode prize, for the second highest scholarship record, was awarded to Charles LeBaron, Jr.

The Rush prize, for the highest scholarship record on the subject of genito-urinary diseases, was awarded to William Arthur Clark.

# Affiliated Schools

## FULLY AFFILIATED SCHOOLS

(Course of Study Four Years in Length.)

Abbeville	3rd District Agri. School	D. W. McLean
Albertville	7th District Agri. School	S. L. Gipson
Alexander City	High School	J. M. Pearson
Andalusia	High School	L. E. Brown
Anniston	High School	D. R. Murphy
Anniston	Noble Institute	Miss Margaret Lea
Ashland	Clay County High School	J. F. Knight
Athens	8th District Agri. School	J. M. Atkinson
Athens	Green University School	W. K. Green
Atmore	Escambia County High School	C. A. Peavy
Attalla	Etowah County High School	J. R. Kimbrough
Auburn	Lee County High School	I. T. Quinn
Bessemer	High School	A. A. Persons
Birmingham	Howard Academy	B. L. Noojin
Birmingham	Central High School	C. A. Brown
Birmingham	B'ham College Training School	C. A. Lloyd
Birmingham	Margaret Allen School	Miss W. M. Allen
Blountsville	9th District Agri. School	W. B. Farrar
Boaz	Snead Seminary	L. F. Corley
Brewton	Collegiate Institute	W. L. Porter
Brundidge	Pike County High School	S. B. Gibson
Butler	Choctaw County High School	Zack Rogers
Camden	Wilcox County High School	Claude Hardy
Camp Hill	High School	C. C. Mosely
Castleberry	Conecuh Co. High School	Miss Sarah Luther
Centre	Cherokee County High School	J. A. Johnson
Centreville	Bibb County High School	J. W. Watson
Clanton	Chilton County High School	C. C. Slaton
Clio	Barbour County High School	A. C. Anderson
Columbia	Houston County High School	C. W. Johnson
Columbiana	Shelby Co. High School	Lycurgus Leftwich
Cuba	High School	M. E. Head
Cullman	Cullman County High School	W. L. Hicks
Dadeville	Tallapoosa County High School	J. A. Parrish
Daphne	Normal School	B. B. Baker
Decatur	High School	J. M. Collier
Demopolis	High School	K. G. Hoover
Dothan	High School	J. M. Reeves
Double Springs	Winston County High School	L. J. Howell

Eclectic	Elmore County High School	J. J. Yarbrough
Elkmont	Limestone Co. High School	E. B. Baxter
Ensley	High School	R. L. Dimmitt
Enterprise	Coffee County High School	W. I. Pittman
Eufaula	High School	H. L. Upshaw
Eutaw	High School	A. F. Jackson
Evergreen	2nd District Agri. School	W. C. Blasingame
Floral	Covington Co. High School	H. A. Pettus, Jr.
Ft. Deposit	Lowndes County High School	E. H. Turner
Ft. Payne	DeKalb County High School	N. J. Callan
Gadsden	High School	M. W. O. Vance
Greensboro	Southern University Fitting School	R. W. Greene
Greenville	High School	C. B. Gamble
Grove Hill	Clarke County High School	M. L. Orr
Guin	Marion County High School	J. B. Clark
Guntersville	Marshall County High School	Oscar Horton
Gurley	Madison County High School	W. T. Stevens
Hamilton	Sixth District Agri. School	H. O. Sargent
Hartford	Geneva County High School	B. H. Boyd
Hartselle	Morgan County High School	J. H. Riddle
Headland	Henry County High School	W. S. Sconyers
Heflin	Cleburne County High School	Jas. Hunt
Huntsville	High School	R. C. Johnston
Huntsville	Goodrich School	J. C. Goodrich
Jackson	First District Agri. School	J. J. Moore
Jasper	Walker County High School	J. Alex Moore
LaFayette	High School	F. T. Appleby
Leighton	Colbert County High School	C. V. Thompson
Lincoln	Talladega County High School	J. A. Morgan
Lineville	N. E. Ala. Agri. Institute	Brandt LaBoon
Marion	Judson Academy	Miss Elva Goodhue
Marion	Perry County High School	J. A. York
Milltown	Chambers County High School	J. D. Pepper
Mobile	High School	Lee Byrne
Mobile	University Military School	J. T. Wright
Monroeville	Monroe County High School	G. A. Harris
Montgomery	Sidney Lanier High School	A. K. McKemie
Montgomery	Barnes School	E. R. Barnes
Moulton	Lawrence County High School	E. M. Hodson
Moundville	Normal School	G. A. Young
New Decatur	High School	R. W. Cowart
Newton	Baptist Collegiate Institute	A. W. Tate
Notasulga	Macon County High School	H. C. McDonald
Odenville	St. Clair Co. High School	J. O. Sturdivant
Oneonta	Blount County High School	T. C. Moore
Opelika	High School	S. O. White
Oxford	Calhoun County High School	R. S. King
Ozark	Dale County High School	L. K. Benson
Piedmont	High School	Gordon Worley



Dallas County High School	J. M. Moulder	Plantersville
Prattville	Autauga County High School	H. T. Wallace
Reform	Pickens County High School	J. E. Hendley
Roanoke	Handley High School	L. L. Vann
Rockford	Coosa County High School	A. R. Jones
Rogersville	Lauderdale Co. High School	W. L. Davis
Russellville	Franklin County High School	E. T. Bolding
Scottsboro	Jackson County High School	R. P. Wills
Selma	High School	A. F. Harman
Sylacauga	Fourth District Agri. School	J. E. Cheatham
Talladega	High School	D. A. McNeill
Thomaston	Marengo County High School	J. L. Gibson
Thomasville	High School	H. M. Morrow
Thorsby	Thorsby Institute	S. H. Herbert
Tuscaloosa	High School	F. L. Grove
Tuscaloosa	Alabama Preparatory School	Tillery-Brown
Tuscumbia	High School	J. F. Collins
Tuskegee	High School	R. E. Thompson
Union Springs	High School	E. S. Pugh
Vernon	Lamar County High School	E. L. Williamson
Wedowee	Randolph County High School	R. L. Burkes
Wetumpka	Fifth District Agri. School	J. M. Crowell
York	Sumter County High School	W. F. Osburn

### PARTIALLY AFFILIATED SCHOOLS

Aliceville	High School	J. L. Harper
Bay Minette	High School	S. M. Tharp
Birmingham	University High School	J. J. White
Boaz	High School	T. C. McAuley
Camp Hill	Southern Industrial Institute	Lyman Ward
Carrollton	High School	J. A. McKay
Citronelle	High School	B. H. Johnson
Collinsville	High School	S. J. McCall
Elba	High School	W. J. Steele
Fayette	High School	R. L. Reeves
Geneva	High School	H. W. Little
Georgiana	High School	W. P. Lunsford
Gordo	High School	W. T. Snoddy
Haleyville	High School	L. L. James
Linden	High School	J. J. Holladay
Livingston	High School	R. K. Hood
Madison	High School	T. G. Riddle
Mobile	Baker High School	Miss N. Baker
Mobile	Knott High School	Miss E. Knott
Mount Berry, Ga.	Berry School	W. C. Atkins
New Market	High School	J. D. Farris, Jr.

Opp	High School	J. F. Scofield
Pine Apple	Moore Academy	N. W. Henson
Red Level	High School	E. L. Stough
Samson	High School	W. T. Tiller
Sheffield	High School	W. P. Johnson
Slocomb	High School	E. J. Laney
Sulligent	High School	J. C. Pennington
Thorsby	Unity-Chilton High School	J. A. Pool
Uniontown	High School	W. P. Champion

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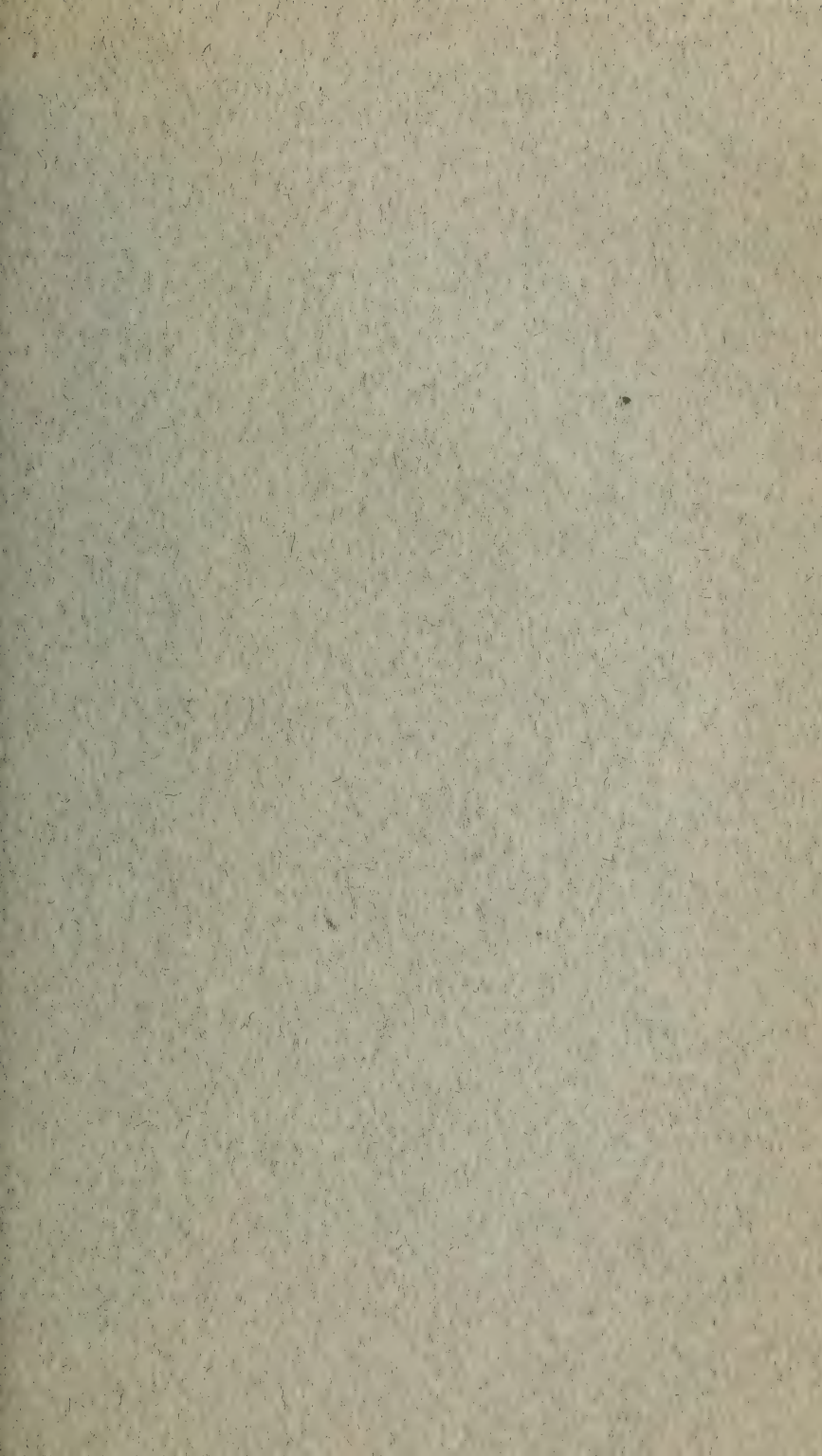
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MAY, 1916

Number 34

# University of Alabama Bulletin



General Catalogue  
1915-1916

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Catalogue

OF THE

University of Alabama

FOR THE

College Year  
1915-1916

AND

Announcements for  
1916-1917

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PRINTED FOR THE UNIVERSITY  
UNIVERSITY, ALABAMA



# University Calendar

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## SESSION OF 1916-1917

### 1916

- SEPTEMBER 11-12, Entrance Examinations, Enrollment, and Classification of Students.
- SEPTEMBER 13, First Term of College of Arts and Sciences, College of Engineering, and School of Law begins.
- SEPTEMBER 28, Session of School of Medicine at Mobile begins.
- NOVEMBER 29, Second Term begins.
- NOVEMBER 30, Thanksgiving Day.
- DECEMBER 21, Christmas Vacation begins at 1 o'clock p. m.

### 1917

- JANUARY 3, Exercises are resumed at 8 o'clock a. m.
- FEBRUARY 22, Senior Class Day.
- MARCH 7, Third Term begins.
- MAY 27, Baccalaureate Sunday.
- MAY 28, Speaking for Trustees Prize.
- MAY 29, Alumni Day.
- MAY 30, Commencement Day.
- MAY 31, Summer Vacation begins.
- JUNE 5, Commencement of School of Medicine at Mobile.

- 
- JUNE 7, University Summer School for Teachers begins.
- JULY 18, Summer School closes.

# Board of Trustees

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HIS EXCELLENCY, CHARLES HENDERSON,  
Governor of Alabama, President, *ex-officio*.

WILLIAM F. FEAGIN, State Superintendent of Education, *ex-officio*.

Congressional Districts	Term Expires
First District.....	THOMAS M. STEVENS, Mobile.....1919
Second District.....	ROBERT E. STEINER, Montgomery.....1923
Third District.....	EUGENE H. GLENN, Seale.....1927
Fourth District.....	J. KELLY DIXON, Talladega.....1919
Fifth District.....	DANIEL PRATT, Prattville.....1923
Sixth District.....	THOMAS W. COLEMAN, Eutaw.....1919
Sixth District.....	HENRY B. FOSTER, Tuscaloosa.....1927
Seventh District.....	HUBERT T. DAVIS, Gadsden.....1923
Eighth District.....	THOMAS C. McCLELLAN, Athens.....1927
Ninth District.....	HUGH MORROW, Birmingham.....1923
ROBISON BROWN, Secretary and Commissioner of University Lands SHALER C. HOUSER, Treasurer	
Executive Committee of the Board.... MESSRS. FOSTER, PRATT, STEINER	

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Chief Engineer and Superintendent of Power Plant.



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ROBERT S. HODGES,  
Chemist.

HERBERT H. SMITH,  
Curator of Museum.

---

## STANDING COMMITTEES

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COMMITTEE ON ADMISSION—Professors Barnwell, Doster, Thomas.

## COMMITTEES ON INSTRUCTION:

*For College of Arts and Sciences*—Professors Barnwell, Graham, Sayre.

*For College of Engineering*—Professors Davis, Wittig, Gallalee.

*For School of Law*—Professors Farrah, Dickinson, Ward.

*For School of Education*—Professors Doster, Cooper, Thomas,

*For School of Medicine*—Professors Mohr, Jackson, Gaines, Thayer, Wright.

COMMITTEE ON LIBRARY—Professors Brownell, Lloyd, Sayre.

COMMITTEE ON ATHLETICS—Professors Smith, Houser, Noojin, Stickney.

COMMITTEE ON STUDENT PUBLICATIONS—Professors Davis, Foster, Stickney.

COMMITTEE ON UNIVERSITY PUBLICATIONS—Professors Brownell, Barnwell, Davis, Doster, Farrah, McCorvey, Mohr.

COMMITTEE ON STUDENT ORGANIZATIONS—Professors Bidgood, Prouty, Burke.

COMMITTEE ON AFFILIATED SCHOOLS—Professors Doster, Thomas, Lloyd.

COMMITTEE ON RECOMMENDATION OF TEACHERS—Professors Doster, Barnwell, Thomas.

COMMITTEE ON GRADUATE STUDY—Professors Lloyd, Bidgood, Doster,



# The University

---

## HISTORY

The University of Alabama was called into existence by the generosity of the Congress of the United States, and fostered by the founders of the state.

The constitutional convention which met at Huntsville, Alabama Territory, on July 5, 1819, adopted the following article:

Schools and the means of education shall forever be encouraged in this state. \*\*\* The general assembly shall take like measures for the improvement of such lands as have been or may be hereafter granted by the United States to this state for the support of a seminary of learning, and the moneys which may be raised from such lands by rent, lease, or sale, or from any other quarter, for the purpose aforesaid, shall be and remain a fund for the exclusive support of a state university, for the promotion of the arts, literature, and the sciences; and it shall be the duty of the general assembly, as early as may be, to provide effectual means for the improvement and permanent security of the funds and endowments of such institutions.

In 1819, the congress of the United States donated seventy-two sections, or 46,080 acres, of land within the state for the endowment of a seminary of learning. At the second session of the general assembly, an act was passed, December 18, 1820, establishing a seminary of learning "to be denominated the University of Alabama."

At the third session of the general assembly, on December 13, 1821, an act was passed providing that "his excellency the governor, *ex-officio*, together with twelve trustees, two from each judicial circuit, to be elected by joint ballot of both houses of the general assembly, to continue in office for the term of three years," should constitute a body politic and corporate in deed and in law, by the name of "The Trustees of the University of Alabama," and that the governor should be *ex-officio* president of the board. The first meeting of the board of trustees was held at the town of Tuscaloosa on April 6, 1822. On December 29, 1827, the general assembly, by joint ballot of both houses, selected Tuscaloosa as the seat of the University. The site whereon to erect the buildings, one mile and a quarter east of the court house in Tuscaloosa, was selected by the trustees

on March 22, 1828. On April 12, 1831, the University was opened for the admission of students. On April 4, 1865, a body of federal cavalry set fire to and completely destroyed all the public buildings of the University, except the astronomical observatory. The erection of new buildings was begun in January, 1867, and collegiate instruction was resumed in April, 1869.

Through the efforts of Senator John T. Morgan a second donation of public lands within the state, to the extent of seventy-two sections, or 46,080 acres, was made to the University by the congress of the United States by the act of February 25, 1884, in restitution of the loss in buildings, library, and scientific apparatus incurred in 1865.

On March 6, 1907, the legislature of Alabama increased the material equipment of the University by voting the sum of four hundred thousand dollars to be used as a fund for the erection of new buildings during the years 1907-1910.

Under action of the legislature on the same date, the Medical College of Alabama, established in 1859 and located in Mobile, became an organic department of the University and passed under the control of the board of trustees.

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## PRESIDENTS OF THE UNIVERSITY

ALVA WOODS, D. D.....	1831-1837
BASIL MANLY, D. D.....	1837-1855
LONDON CABELL GARLAND, LL. D.....	1855-1865
WILLIAM RUSSELL SMITH, LL. D.....	1870-1871
NATHANIEL T. LUPTON, A. M.....	1871-1874
CARLOS G. SMITH, M. D., LL. D.....	1874-1878
JOSIAH GORGAS, LL. D.....	1878-1879
WILLIAM S. WYMAN, LL. D. (Acting).....	Feb., 1879-July, 1880
BURWELL BOYKIN LEWIS, LL. D.....	1880-1885
WILLIAM S. WYMAN, LL. D. (Acting) .....	1885-1886
HENRY D. CLAYTON, LL. D.....	1886-1889
WILLIAM S. WYMAN, LL. D. (Acting).....	1889-1890
RICHARD CHANNING JONES, LL. D.....	1890-1897
JAMES K. POWERS, LL. D.....	1897-1901
WILLIAM S. WYMAN, LL. D.....	1901-1902
JOHN W. ABERCROMBIE, LL. D.....	1902-1911
WILLIAM BERNEY SAFFOLD, Ph. D. (Acting).....	Sept., 1911-Dec., 1911
GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.....	1912

## ORGANIZATION

The University of Alabama is a part of the public school system maintained by the state of Alabama. The control of the University is entrusted to a board of trustees, consisting of the governor of the state and the state superintendent of education *ex-officio*, and one member from each of the nine congressional districts, excepting the district in which the University is located, which has two members. The board of trustees is a self-perpetuating body, election to membership being subject to confirmation by the senate. The entire state is thus represented in its management.

The University is administered through the following organizations:

1. The College of Arts and Sciences.
2. The School of Education.
3. The College of Engineering.
4. The School of Law.
5. The School of Medicine (at Mobile).
6. The Summer School for Teachers.

## GROUNDS AND BUILDINGS

The University grounds, adjacent to the city of Tuscaloosa, comprise nearly three hundred acres, extending northward from University avenue one mile to the Black Warrior river. Near the middle of this tract is the campus proper, consisting of about forty acres. Set well back from the avenue is the University quadrangle, consisting of four buildings. Five other college halls surround these. Facing the campus are the houses of the faculty, the president's mansion, the Julia Tutwiler dormitory for women, and the new gymnasium.

**Woods Hall**, which forms the rear line of the University quadrangle, is a building of four stories. The first floor contains the dining hall, the University post-office, and the supply store. The second, third, and fourth stories are appropriated mainly to students' apartments.

**Manly Hall**, which forms the west side of the quadrangle, is a building of three stories. The administrative offices are upon the first floor. The remainder of the building is divided into students' apartments.

**Clark Hall**, the central building on the south side or front of the quadrangle, contains the library and reading room. The second floor is a large hall used for social purposes.



**Garland Hall**, on the east, is the counterpart of Manly Hall on the west, thus completing the University quadrangle. It is used exclusively as a students' dormitory.

**Smith Hall**, on the eastern side of the campus, is dedicated to the natural sciences. It contains the Alabama Museum of Natural History, described on page 22, also the lecture rooms and laboratories of the geological and biological departments of the University, and the offices, library, and chemical laboratory of the geological survey.

**Comer Hall**, the engineering building, occupies the northwestern corner of the campus. It contains the departments of engineering, with their laboratories, the department of physics, and the University power plant.

**Morgan Hall**, the academic building, is situated on the western side of the campus, directly opposite Smith Hall. It contains the lecture rooms and offices of most of the departments of the college of arts and sciences, the lecture rooms and libraries of the schools of law and education, and an auditorium with a seating capacity of about 1,000.

**Tuomey Hall**, situated on the eastern side of the campus, is occupied exclusively by the chemical laboratories and lecture rooms.

**Barnard Hall**, directly opposite Tuomey Hall, contains the rooms of the Young Men's Christian Association.

**The Astronomical Observatory** is on a neighboring elevation outside the campus. It also furnishes quarters for the University Club.

**The School of Medicine** is located in the city of Mobile. For a description of its buildings see page 132.

**The Women's Dormitory**, built in 1914, is situated on the south side of University avenue immediately west of the president's mansion. This dormitory, colonial in architecture, is built of red oriental brick with white mortar and trimmings. It is the first of a group of three which will be connected by corridors.

The main portion of the building is three stories high and affords accommodations for fifty-six women students. The dining room, with a capacity equal to that of the group when completed, is one story high. The office of the dean of women is on the first floor.

The dormitory is heated by steam and lighted by electricity. All of the rooms are outside rooms. They are in suites of two

double-bed rooms and a study room. There are several single bed rooms. The matron has apartments in the building.

Fumed oak furniture and white enameled iron single beds have been provided throughout the building. All of the windows and outside doors have been screened.

**The New Gymnasium**, completed in November, 1915, is one of the handsomest buildings on the campus. It is colonial in architecture and is constructed of red oriental tapestry brick with white mortar joints and trimmings.

This building has a total floor space of 24,500 square feet, including a large main hall for general exercises, 63 by 121½ feet, rooms for boxing, wrestling and special exercises, trophy room, rooms for athletic teams, locker rooms, baths, and offices. There are well designed galleries for spectators at each end of the main exercise room.

The new athletic field, comprising eight acres of level land, lies immediately to the rear of the gymnasium. Provision has been made for football and baseball fields and a quarter-mile running track. A grand-stand with a seating capacity of 1,000 is now under construction.

# Material Equipment

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## LIBRARIES

### UNIVERSITY LIBRARY

This rapidly growing library contains 20,000 bound volumes, and a large number of valuable pamphlets. The books are classified according to the Dewey decimal system.

The library is open every day, except Sundays and holidays, from 8 a. m. to 1 p. m., from 2 to 5, and from 7 to 9 p. m. On Sundays it is open from 2:30 to 4:30 p. m. All students are allowed to draw books, and are aided in consulting the library by the librarians and the members of the faculty.

The reading room is supplied with over one hundred of the leading newspapers and magazines. The reading room hours are the same as the University library hours.

### DOCUMENT ROOM

The University has been designated as a depository of the publications of the federal government. Such publications have been withdrawn from the general library and placed in a separate room provided for the purpose. They are arranged and numbered according to the government check-list, and are, therefore, accessible for consultation and reference. The document room now contains about 8,000 volumes, 3,500 pamphlets, and many valuable maps, including nearly a complete set of the publications issued since the close of the War between the States.

### LAW LIBRARY

A law library is provided in the lecture rooms of the school of law, and is kept open during the entire day for the use of law students. The foundation of this library was laid by withdrawing from the general library such books of law and law literature as were appropriate to it, and by a donation by the state legislature, from year to year, of elementary works and state reports.

### ENGINEERING LIBRARY

An engineering library is housed in Comer Hall. It contains files of most of the engineering periodicals and many reference works and society publications.

## MUSEUM LIBRARY

The library attached to the Museum of Natural History contains over 6,000 volumes and a very large number of pamphlets relating to geology and kindred subjects, forming easily the most important gathering of its kind in the southern states. Nearly two-thirds of these were the gift of Dr. E. A. Smith. Through the munificence of Mr. T. H. Aldrich the collection has recently been enriched by about 1,500 volumes on conchology and other branches. The library also owes to the courtesy of Senator Frank S. White 250 handsomely bound volumes of Bulletins, Professional Papers, and Water Supply Papers of the United States Geological Survey. Twenty-five scientific journals are regularly received and kept on file, also about an equal number of proceedings of American and foreign scientific societies. The museum library is open to those interested in science, but the books cannot be taken from the building.

## DEPARTMENT LIBRARIES

In addition to the general collections above referred to, several departments in the college of arts and sciences are supplied with reference books, periodicals, and charts relating to their work.

## DONATIONS TO THE UNIVERSITY LIBRARY

The University will be grateful for gifts to the library, especially of works on the history and literature of Alabama. The Library Gift Book, in which donations are recorded, shows a considerable number of gifts received each year.

## LABORATORIES AND SCIENTIFIC COLLECTIONS

## THE CHEMICAL LABORATORY

Tuomey Hall, the chemical laboratory, is a brick building of two stories, with a one-story wing. It is thoroughly equipped with the apparatus and chemicals necessary to give the courses offered.

The one-story portion serves as a laboratory for students in general chemistry, being equipped with desks for 80 students. The lower floor of the two-story part contains a laboratory for second-year students, a laboratory for quantitative analysis, an assay room, a balance room, and a general stock room. On the second floor are a large and well appointed lecture room, a preparation room and laboratory for advanced work, a library, and a dark room for photographic and spectroscopic work.



## PHYSICS LABORATORY

The department of physics occupies the lower and a portion of the upper floor of the south end of Comer Hall. It possesses a large equipment for demonstration purposes and for individual use by students, to which additions are constantly being made to meet modern conditions. The larger pieces include projector lanterns, air pumps, a 12-inch spark coil, wireless telegraph apparatus, X-ray tubes, a dividing engine, and precision instruments of various types. Recent acquisitions are an analytical balance of excellent quality for fine weighing, a potentiometer, and a portable photometer. In addition there is an excellent collection of smaller apparatus of high grade, and a full equipment of the simpler forms used by students in the first course.

The laboratories are of liberal area. They are supplied with gas and running water, and wired for electric light and power. The one on the first floor, for advanced students, contains a concrete galvanometer pier, carried up from the ground for delicate work requiring special freedom from vibration. Adjacent are dark rooms for photometry, photography, and optics, a shop for the construction and repair of apparatus, smaller rooms for special work, an apparatus room, and the departmental offices and library.

Across the corridor is the large lecture room of the department, with a seating capacity of 250, and on the floor above are recitation rooms and the laboratory for first-year classes, with tables and apparatus sufficient for fifty students working at the same time.

## THE ASTRONOMICAL OBSERVATORY

The astronomical observatory is on a neighboring elevation near the edge of the campus. It is provided with an equatorial telescope of eight-inch aperture and twelve-foot focal length; also with a fine transit circle, of four-inch aperture and five-foot focal length, three portable telescopes, a sextant, an astronomical clock, and a chronograph.

## OFFICIAL STATE TESTING LABORATORIES

The Alabama legislature has designated the testing laboratories of the college of engineering, in connection with the geological and chemical laboratories, as the official state testing laboratories for cements and all other materials of construction. The equipment of these laboratories is not excelled by that of any southern institution.



Many tests have already been made for engineers and corporations and it is hoped that still greater public service may be rendered by these laboratories in the future. Tests of road, structural and other materials, water for domestic and manufacturing use, road and lubricating oils, hydraulic and other machinery may be arranged for by correspondence with the director of the laboratory concerned.

For further details concerning the chemical and geological survey laboratory, see pages 19 and 25.

#### ENGINEERING LABORATORIES

The engineering laboratories, with the exception of the hydraulic laboratory, are located in Comer Hall. For description of these laboratories and equipment, including hydraulic laboratory, see college of engineering, page 88.

#### THE LABORATORIES OF BIOLOGY, MINERALOGY AND GEOLOGY

These laboratories, together with the natural history collections, and the offices and chemical laboratory of the geological survey of the state, are located in Smith Hall.

This building, of Ionic style of architecture, consists of a main or central part of three stories and basement, and two wings of two stories and basement. The materials of construction are light-colored pressed brick, with columns, cornices, and other courses of Bedford limestone. In architecture and construction this is one of the most beautiful buildings in the South, and in plan and dimensions it is one of the best designed for the purposes of a museum of natural history.

The first floor of the north wing and the second floor, except two rooms, are occupied by the department of biology. The space is suitably divided into laboratories and lecture rooms for general biology, physiology, comparative anatomy, histology and embryology.

The south wing, with three basement rooms, contains the lecture room and laboratory of the department of geology, and the offices, chemical laboratory, and storage rooms of the state geological survey.

The main or central portion of the building is the Museum of Geology and Natural History, described below under the caption "Museum."

#### BIOLOGY

This laboratory, located in the north wing and basement of Smith Hall, is supplied with an adequate number of compound

and simple microscopes of the best quality, paraffin ovens, incubators, microtomes, a full line of glassware, chemicals, and other accessories to microscopic work.

The lecture room is provided with an excellent stereopticon and micro-projection lantern. The department is well equipped for advanced work in the field of animal and plant histology and embryology, as well as for advanced courses in physiology. The collections of the museum and the library in the same building are available to special students in biology.

#### GEOLOGY AND MINERALOGY

These laboratories are in the central part (first floor) of Smith Hall. In addition to the museum collections in geology and the museum library elsewhere mentioned, all of which are at the service of the students, the equipment embraces:

1. Laboratories for blowpipe work in mineralogy and for the general geological work. These have extensive collections of crystal models, natural crystals, minerals, ores, rocks and fossils as working material for the various classes.

2. Equipment for the projection of lantern slides, rock sections and opaque bodies, together with collections of slides, photographs, charts, maps and models for illustrating the various courses.

#### ALABAMA MUSEUM OF NATURAL HISTORY

By law the collections of the Alabama Geological Survey, except certain duplicates, belong to the University. Large additions are constantly made by donation, exchange and by the work of the museum itself. Hence the University museum is now the largest and most important in the southern states and its influence is constantly increasing.

It occupies the central or main part of Smith Hall, together with portions of the wings. The entrance hall, on the first floor, is used for the display of very large specimens, such as iron ores, coal, fossil trees, etc.; a relief map of the southern Appalachian region is hung on the wall. On the floor above is the main exhibition hall, unsurpassed in the South. The large glass cases ranged along the walls and in the middle are filled with specimens of special interest or educational value, illustrating geology, palæontology, zoology and archæology. The gallery above forms a third floor, where are stored the Aldrich collection of shells and the Mohr Herbarium.

The general collections of the museum are so large that only a few of the more important can be mentioned; they are

stored in drawers under the cases, in the museum laboratories, and in the basement. They include:—

### GEOLOGY

1. The collections of the Geological Survey, accumulated mainly since 1873. Exclusive of duplicate there are at least 100,000 specimens of fossils, together with many thousand samples of rocks, ores, and minerals. With these have been incorporated the remains of the old Tuomey collection, the Schowalter and Mohr collections of fossils, and the many donations and specimens constantly received in exchange.

The work of arranging, labeling and cataloguing is always going on.

2. The collection of Tertiary fossils given by Mr. T. H. Aldrich. For many years Mr. Aldrich has taken an active interest in this branch of the museum, making large donations to it, as well as identifying species collected by the Survey. His gift of nearly 200,000 specimens, in 1912, placed the museum in the first rank, so far as this group is concerned; and in September, 1913, he gave at least as many more. Only two or three of the great northern museums have so full and fine a set.

3. The Lommel collection of 1,000 specimens of European rocks and fossils.

4. The Schowalter collection of minerals, with large additions from other sources.

5. An educational series of rocks given by the United States Geological Survey and a large collection from the Lake Superior region received from the same source.

6. A large series of Tertiary vertebrate fossils from the phosphate beds of South Carolina, and a fine collection of sulphur formations from Sicily, both given by Mrs. David Roberts.

### ZOOLOGY

1. The Aldrich collection of recent shells. This magnificent series, the gift of Mr. T. H. Aldrich, includes about 20,000 species, represented by not less than 100,000 specimens from all parts of the world.

Mr. Aldrich had already given his entire set of duplicate shells, at least 200,000 specimens, of 5,000 species. These include many rare forms represented by fine specimens and they will be of great value for exchanges.

2. The Schowalter collection of land and fresh water shells, over 100,000 specimens, principally from Alabama. About 25,000 additional specimens have recently been added by the curator.

3. The Avery collection of Alabama birds, 900 specimens.

4. Collections of reptiles and batrachia, principally brought together by the curator, 500 specimens.

5. A collection of fishes of Mobile Bay, made by the late Dr. Charles Mohr.

6. Collections of insects and other arthropods, 5,000 specimens.

7. Collections of marine invertebrates (Corals, Echinoderms, etc.) from various sources.

#### BOTANY

1. The state herbarium, embracing specimens of every species of flowering plant and fern known to be indigenous to or naturalized in Alabama, about 2,500 species. These were brought together by Dr. E. A. Smith and the late Dr. Charles Mohr, who presented their collections to the Geological Survey in 1873. Subsequently many additions were made by Dr. Mohr, who also gave his collection of the Cryptogams of Alabama, about 2,500 species.

2. A forestry collection, including 125 species of trees, illustrated by mounted specimens of the leaves, flowers and fruits and specimens of the woods cut in book form; also a series of manuscript maps of the state showing the distribution of the most important timber trees. These collections were made for the Geological Survey by Dr. Charles Mohr, in connection with his report on the plant life of Alabama.

3. The Peters collection of cryptogamic plants, donated by Judge T. M. Peters. Besides his own large gatherings of Alabama species it includes Fascicles 1-5 of Ravenel's *Fungi Caroliniani exsiccati*, 500 species, and Fascicles 1-5 of Tuckerman's *Lichenes Amer. Septr.*, 150 species. All these are mounted in bound volumes.

4. A collection of ferns from Colombia, South America, about 150 species, given by Herbert H. Smith.



## ARCHAEOLOGY

A large series of stone implements and weapons, pottery, burial-pots and covers, etc., from various Alabama localities. Most of these were donated by Dr. E. A. Smith, Dr. Wyman, Mr. E. N. C. Snow and others.

Students are specially invited to the museum and the director and curator do everything in their power to awaken and foster a love of nature study. The results have been evident and gratifying. The museum also seeks to extend its educational influence through all parts of the state. Its work for the Alabama schools is well known and it is hoped that this can be supplemented by periodical visits, illustrated lectures, etc. Many teachers and pupils correspond regularly with the curator and some of them are already enthusiastic naturalists.

For equipment in the school of medicine, see page 133.

## GEOLOGICAL SURVEY OF THE STATE

The present survey has been in progress since 1873, under the direction of Dr. Eugene A. Smith. The office and chemical laboratory of the survey are at the University, and the collections made by the state geologist are by law deposited in the University museum.

The field work of the survey is carried on during the summer and autumn months by the state geologist and assistants.

All specimens sent to the state geologist for examination will be carefully tested as to quality and value in the survey laboratory, and reported on without charge.

Thirty-seven reports have been published by the survey since 1873. These reports, so far as they are now available, except that on the Warrior basin, which is sold for \$1.00, will be sent to any one desiring them on receipt of the stamps necessary for the postage, and a descriptive list will be sent on application to the state geologist.

## GEOLOGICAL SURVEY LABORATORY

This laboratory occupies rooms in Smith Hall fitted up with dark-room, tables, hoods, and other furniture adapted for its purposes. Advanced students of the geological department have access to this laboratory, where they may avail themselves of its facilities for special work.



# General Information

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## THE SOCIETY OF THE ALUMNI

Tuesday of commencement week has been designated as Alumni Day. The annual meeting is held at 10 a. m.

### OFFICERS—JUNE, 1915, TO JUNE, 1916

BORDEN BURR .....	President
THOMAS M. OWEN .....	First Vice-President
THOMAS W. PALMER, JR.....	Second Vice-President
F. G. STICKNEY .....	Secretary
W. F. FITTS .....	Treasurer
S. F. CLABAUGH .....	Registrar

### THE ALUMNI SECRETARY

There has been added to the working force of the University during the past session an alumni secretary, who will devote a portion of his time to the task of securing data concerning the alumni. It is proposed in due time to revise the Alumni Register. Mr. Thomas H. Garner, of the class of 1888, has been chosen to fill this position. It is hoped that the alumni association will provide the funds necessary to secure full-time services in this work.

**The Educational Fund**—The society, at its meeting in June, 1885, resolved to establish "The Educational Fund," for the assistance of meritorious students in narrow circumstances, who are seeking the benefits of a thorough education at the University. It is the purpose of the society to lend the fund to students of either the college of arts and sciences or the college of engineering, who may need pecuniary assistance during their residence at the University. A considerable amount has already been contributed to this fund. The management of the fund is confided to a board of trust, appointed annually by the society. The board of trust for the present year is composed of W. F. Fitts, W. S. Wyman, and George H. Denny. Former students of the University and all other friends of education are respectfully invited to contribute to this fund.

The committee to lend the educational fund are President George H. Denny and W. F. Fitts, treasurer of the fund.

### LITERARY SOCIETIES

The Philomathic Literary Society has a commodious and well-furnished room, set apart for its use, on the second floor of Barnard Hall. It is the oldest literary society at the University. At its regular meetings, held once a week, there are debates, discussions, and literary exercises, which afford excellent opportunity for cultivating proficiency in debate and public speaking, and for the study of questions of the day. This society strives to enroll, each year, students who are interested in literary work.

The Shackelford Literary Club, organized in 1912, aims to develop in its members an interest in the discussion of a wide range of topics, to encourage extensive reading and to afford practice in public speaking. Its meetings are held weekly.

The Attic, a literary club holding its charter from the inter-collegiate organization, Sigma Upsilon, is now in its second year of successful work. Its members are chosen from the junior and senior classes by free competition. Meetings are held weekly.

The Literesque, similar to the Attic, but an entirely independent club, is confined to the sophomore class.

### PHI BETA KAPPA SOCIETY

At a meeting of the General Council of Phi Beta Kappa in the summer of 1913, final action was taken to re-establish at the University the Alpha chapter of Alabama. The original charter of this chapter dates back to the year 1851, but for over half a century there had been no organization and the charter had lapsed. With the aid of three surviving members of the original chapter, and the co-operation of members of the faculty from other chapters, a re-organization was effected in 1914, and henceforth students at the University of Alabama will be eligible for admission to the local chapter.

### DEBATING

The debating interests of the University are under the control of the University Debating Council, a body elected by the students and comprising three members of the faculty, three students from the college of arts and sciences, and three stu-

dents from the school of law. The debating council has established the Forum, to which all students are admitted and which aims to encourage frequent public debates on questions of live interest. Debating relations have recently been established by the council between Alabama and Vanderbilt University, and also between Alabama and the University of Kentucky.

## CLUBS

### GLEE CLUB

For several years a glee club organization has been successfully maintained at the University. It is in charge of Mr. Tom Garner, '88. The club provides for its members training in vocal music, and at the same time, by means of its concerts throughout the state, is developing a healthy college spirit among students and alumni. The privilege of traveling with the glee club is subject to the same regulations as the privilege of membership on athletic teams.

### UNIVERSITY BAND

In the spring of 1914 a university band of wind instruments was organized among the students. Its primary purpose is to furnish music at athletic games, but during the session it has played at several special engagements away from the University. At present it numbers about sixteen players, under the direction of a member of the faculty; other players will be taken on if qualified. There is prospect of a resident teacher of wind and orchestral instruments at the University during the coming session, so that students who desire to take lessons may have the opportunity to do so.

### DRAMATIC CLUB

The dramatic club of the University of Alabama, known as The Blackfriars, and named after the famous Elizabethan playhouse, was organized during the session of 1907-08. Meetings are held monthly. The privilege of traveling with the club is subject to the same regulations as the privilege of membership on athletic teams.

### THE EDUCATION CLUB

The education club, organized two years ago under the auspices of the school of education, holds bi-weekly meetings. The

programs consist of discussions of live educational problems, together with addresses by prominent educators invited by the club. At the close of each meeting refreshments are served while the members mingle freely in a social way. The purposes of the club are (1) to get better acquainted with the educational conditions and needs of the state, (2) to discuss plans by which these conditions may be improved, and (3) to develop a feeling of fellowship and mutual helpfulness among those who intend to teach.

#### ENGINEERS' CLUB

The engineers' club is a thriving organization, whose aim is to promote the interests of the students of the college of engineering.

#### ALABAMA BRANCH, A. I. E. E.

The Alabama Branch of the American Institute of Electrical Engineers is an organization of students, established at the University in 1914 for the purpose of discussing electrical problems.

#### WIRELESS CLUB

The wireless club is an organization of engineering students interested in the study and practice of radio-communication.

### RELIGIOUS INSTRUCTION

Religious exercises are held daily in the Y. M. C. A. hall. All students are invited to be present.

All students are expected to attend some church in Tuscaloosa on Sunday morning. A large majority of the students are regular attendants at some Sunday school in the city. At the beginning of the session each city pastor is furnished with a list of those who express preference for his church. These pastors have every facility and encouragement in looking after the young men and young women who belong to their congregations.

#### THE YOUNG MEN'S CHRISTIAN ASSOCIATION

Weekly prayer meetings and other religious exercises are held by the Young Men's Christian Association of the University, which all students are invited to attend. This association exercises a very beneficial influence upon the moral and religious character of the students, and receives hearty encourage-



ment from the authorities. A large room in Barnard Hall has been set aside and attractively furnished for the exclusive use of the association.

### THE YOUNG WOMEN'S CHRISTIAN ASSOCIATION

It is the purpose of the Young Women's Christian Association to deepen the spiritual life of every individual girl in college, to give them pleasure, inspiration, and a breadth of view which the fellowship of such an organization affords. To this end religious meetings are held once a week in the parlor of the dormitory for women, courses in Bible study and mission study are offered, and local missionary work is carried on by some of the girls. The foreign missionary spirit is furthered in both associations by the Student Volunteer Band.

To increase the efficiency of the local association and to keep it in touch with the national work, it is visited each year by both local and national secretaries, and delegates are sent to the various conferences held under the auspices of the association.

### PUBLICATIONS

#### THE CRIMSON-WHITE

The Crimson-White is a weekly paper published by the students of the University. An editor-in-chief, eight associate editors, and a business manager are appointed by the faculty each year from the student body. The editor-in-chief is held responsible for all that appears in its columns. The Crimson-White publishes all the University news, and is of great interest to the students and alumni. The subscription price for one session is \$1.00.

#### THE COROLLA

The Corolla is an annual publication issued by the students of the University. It is a handsomely bound, finely illustrated book of about two hundred and seventy pages. The students, the members of the faculty, and the alumni of the University are contributors to the Corolla. The first publication of the Corolla was in June, 1893, and Volume XXV will be published in May of the present session. It is a highly creditable annual, and its publication should be encouraged by the alumni and friends of the University. The subscription price is \$2.75.



**UNIVERSITY ASSEMBLY**

A general assembly, subject to the call of the president, is held from time to time throughout the session in the auditorium of Morgan Hall. All students of the University are required to attend. The exercises consist of addresses by members of the faculty, members of the student body, or especially invited guests.

**LECTURE COURSE**

The trustees of the University make provision for a course of lectures, to supplement the work of the several departments. These lectures are open to all officers and students of the University.

**EXTENSION LECTURES**

DEAN C. H. BARNWELL:

Tennyson.

PROFESSOR LEE BIDGOOD:

The Evolving Social Ideal.

PROFESSOR M. C. BURKE:

The Attic Drama.

PROFESSOR R. F. COOPER:

The Relation of the School to Community Life.

PROFESSOR G. J. DAVIS:

The Ideal City. (Illustrated.)

Sewerage. (Illustrated.)

Water Works. (Illustrated.)

Paving. (Illustrated.)

PRESIDENT GEORGE H. DENNY:

Academic Commercialism.

A Plea for the Classics.

Some Duties for the Educated Man.

Some Public School Problems.

General Lee as a College President.

Memorial Day Address.

PROFESSOR J. J. DOSTER:

An Ideal School System.

Early Educational History of Alabama.

PROFESSOR E. H. FOSTER:

Hamlet, Once More.

The Land and the Legend of Tell.

PROFESSOR J. M. GALLALEE:

The Heating and Ventilating of Residences.

PROFESSOR JOHN Y. GRAHAM:

Public Health. (Illustrated.)

PROFESSOR S. C. HOUSER:

Good Roads.

PROFESSOR H. B. LITCHMAN:

Mining Investments and Their Abuse.

From Coal and Iron to Steel.

The Mining and Preparation of Coal.

PROFESSOR S. J. LLOYD:

Radium and Its Significance. (Illustrated.)

PROFESSOR J. P. MONTGOMERY:

The Yellowstone National Park. (Illustrated.)

Community Enforcement of Pure Food Legislation.

PROFESSOR T. C. MCCORVEY:

The War Poetry of the South.

Thomas Jefferson and His Political Philosophy.

The Invisible Empire.

The Study of History in School and College.

Raphael Semmes and the Confederate Navy.

PROFESSOR W. F. PROUTY:

Some of Alabama's Most Important Mineral Resources.

Atmosphere: Its Movement and Work.

A Brief Story of Our Earth. (Illustrated.)

PROFESSOR W. B. SAFFOLD:

Pompeii. (Illustrated.)

Rome, Past and Present. (Illustrated.)

PROFESSOR H. A. SAYRE:

Famous Problems in Elementary Geometry.

Mathematical Instruction in France.

PROFESSOR F. G. STICKNEY:

Edgar A. Poe; His Life and His Work.

**PROFESSOR J. S. THOMAS:**

Education for Efficient Living.  
Vocational Training in High Schools.  
Consolidation of Rural Schools. (Illustrated.)

**PROFESSOR G. WITTIG:**

Electric Lighting. (Illustrated.)  
The Story of the Dynamo. (Illustrated.)

**TEACHERS' REGISTER**

In connection with the courses in education, a teachers' register has been opened. Any student or graduate of the University who wishes to secure a position as a teacher may register and receive gratis the benefits of the assistance of the school of education in securing a position. Registration should be made with Professor Doster or in the office of the president of the University.

It is the conviction of the committee on recommendation of teachers that all students who are preparing to teach should satisfactorily complete certain prescribed courses in the school of education (see school of education, page 77). However, students who have not taken any of these prescribed courses in education may be recommended as to character, personality, and academic attainments, but in all such cases statements will be made to the effect that they have made no professional preparation for the work of teaching.

**ENGINEERS' EMPLOYMENT BUREAU**

The purpose of this bureau is to assist engineering students and alumni to secure satisfactory positions. (See page 93).

**YOUNG WOMEN**

Young women are admitted to all the privileges of the University. To provide for those coming from a distance, there has been erected a modern dormitory, a description of which is given on page 16.

Before a room is reserved at the dormitory a deposit of \$4.00 must be made by each applicant. The applicant will be credited by this amount on the first term dues.

Rooms for study during the day are provided at the University.

### RESERVATION OF ROOMS

Before a place in any of the dormitories is reserved, a deposit of \$4.00 must be made by each applicant. The applicant will be credited by this amount on the first term dues. Reservations are made in order of application, beginning May 20. Present occupants of rooms may reserve the places they occupy on May 18 and 19.

### CHANGE OF ROOMS

Students who wish to move from some other lodging place into a dormitory room, or from one dormitory room into another, must in every case secure written permission from the bursar-registrar. A fine of \$3.00 is imposed upon any student who fails to comply with this regulation.

### PHYSICIANS

Two experienced physicians, Drs. Maxwell and Patton, look after the health of the students and the sanitation of the premises. They visit the University at least once each day. There is no additional charge for medical attendance, no matter how long a student may be ill.

### THE HOSPITAL

Students who become seriously ill are sent to an infirmary. Here they receive the best care and attention.

### THE GYMNASIUM

The director of athletics examines each student at his entrance to the University, takes his physical measurements, and prescribes such exercise as may be required for his complete and symmetrical bodily development.

All freshmen and sophomores in the college of arts and sciences are required to spend two hours a week in the gymnasium. Irregular and special students are ranked with the class in which they have the greatest number of studies. It is the purpose of the instructor to offer to each student such advice as will give increased health, strength, and bodily vigor. Special attention is given to those who fall below the normal in harmonious bodily development. A description of the new gymnasium is given on page 17.

## ATHLETICS

Athletics are encouraged for the reason that when properly regulated they tend to promote both the physical and the moral well-being of the students and to foster a wholesome college spirit. In order, however, to prevent the possibility of a student's devoting himself to athletics to the serious neglect of his college work, the faculty has adopted the following regulations:

1. Any student of the University who has satisfied the full entrance requirements to the freshman class, or who has had a year's residence at the University, during which time he has done satisfactory work according to Rule 2, shall be eligible to play on any athletic team representing the University.

2. No student who has failed or has been conditioned in more than 40% of his work, estimated in hours, on the last examination shall be eligible for any athletic team until he has removed such excess of conditions or failures. Conditions may be removed either by taking the work over in class, or by re-examination. Failures may be removed only by taking the work over in class.

3. Students who are eligible for any athletic team at the beginning of a season shall be eligible for such team during the entire season.

**Campus Tax**—For the support of athletics a special tax of \$7.50, known as the campus tax, has been authorized by the board of trustees. This tax is payable at the office of the registrar in two equal installments (\$3.75 each), the first at the beginning of the session in September, and the second at the beginning of the third fiscal term in March. The payment of this tax entitles the student to free admission to all intercollegiate athletic contests which are played on the campus, and in which the University team is one of the contestants.

## THE UNIVERSITY SUPPLY STORE

Several years ago the University granted to the athletic association a concession authorizing it to operate on the campus, for the benefit of athletics, a general supply store and drayage line.

The experience of the few years during which this store has been in existence has shown that it is of vital importance to athletics, and it should therefore have the support of the student body. The franchise of the store, which is in effect an exclusive license, in order to be of any value must be protected. It is therefore required that any one who desires to conduct,



on the University campus, any form of mercantile activity, including the soliciting of orders for books, or any other business enterprise, such as drayage, etc., covered by the concession to the athletic association, shall first secure the permission of the president of the University.

The store is under the control of the faculty committee on athletics. Students and others interested are invited to bring before this committee all complaints against the management, together with suggestions as to improving conditions and increasing the efficiency of the service.

### **DIVISIONS OF THE YEAR**

The college year begins on the second Wednesday of September, and in 1917 ends on Wednesday, May 30. It is divided into two equal parts, the first half-year extending in 1917 to January 24, and the second half-year to commencement.

The fiscal year is divided into three terms. The first term begins this session on Wednesday, September 13, and ends on Tuesday, November 28. The second term begins on Wednesday, November 29, and ends on Tuesday, March 6. The third term begins on Wednesday, March 7, and ends on Wednesday, May 30, commencement day. All University fees except laboratory fees are payable at the beginning of each term. Laboratory fees are payable at the beginning of each half-year.

The foregoing paragraphs do not apply to the school of medicine at Mobile.

### **CHRISTMAS VACATION**

The Christmas vacation begins on Thursday, December 21, at 1 o'clock p. m., and ends on Wednesday evening, January 3. During that period University exercises are suspended. The time covered by the vacation is not a part of the regular session, and is not included in the estimate of expenses. Therefore, students who remain at the University during the vacation incur an additional living expense.

### **REGISTRATION AFTER CHRISTMAS VACATION**

On the first day after Christmas vacation every student is required to register at the office of the registrar between the hours of 8 a. m. and 4 p. m. Any student who fails to register at this time will have his name dropped from the rolls of his classes until further orders from the president or the dean. Such student may, however, be registered and restored to his position in his classes on payment of a special registration fee of \$3.00.

## DISCIPLINE

The discipline of the University is vested in the president and the faculty. Rules are few, simple, and reasonable. The honor system prevails, and so long as students do the work required and conduct themselves in a becoming manner, they are free to come and go at will. The end aimed at is self-government.

A student who wishes to be absent from the University at any time except during holidays must secure permission from either the president or the dean.

## FACULTY ADVISERS

Students are assigned in suitable number to the members of the faculty for special oversight. The adviser thus appointed is the professor to whom the student has special freedom of access for consultation, help, or guidance.

## EXAMINATIONS AND REPORTS

Final examinations, limited to three hours each, are held at the close of each half-year, the first in the week ending January 23, the second in the latter part of May. In addition to these final examinations at least two preliminary hour tests are held during the first half-year, in October and December, and at least one during the second half-year, in March.

Each examination is conducted by the professor who is giving the course. At the close of each examination period, the registrar sends to parents or guardians reports showing the standing of the students in the courses pursued.

Students who are absent from more than one-third of the total number of recitations are denied the privilege of final examination, and are required to take the course over in class. Students taking work over in class are held responsible for all preliminary tests and examinations. No student is admitted to the final examination in any course until he has taken all the preliminary tests in that course.

## RECORDS AND GRADES

The final grades of each student are recorded and preserved. In determining these final grades, the grades received in daily recitations, written work, laboratory work, and hour tests are combined with those received on final examinations.

Grades are indicated by letters, which have value, on a

scale of 100, as follows: A, 90-100; B, 80-90; C, 70-80; D, 60-70; E, 50-60; F, 0-50; I, Incomplete.

The passing grade for freshmen and sophomores is D; for juniors and seniors, C; for graduates, B.

### CONDITIONS AND FAILURES

For juniors and seniors, D is a condition and E a failure. For freshmen and sophomores, E is a condition and F a failure. A condition made on the mid-year examination may, at the discretion of the instructor, be automatically removed by an A or B made on the final examination, provided the final examination covers in large measure the entire year's work in that course. Conditions may also be removed by re-examination; those made at the mid-year examinations in January may be removed the following February or the following September; those made at the final examination in May may be removed the following September or the following February. In no case is a student allowed more than one re-examination in any one subject, failing in which he must take the work over in class.

Failures may be removed only by taking the work over in class. A passing mark on the second half-year's work in any course, however, changes a failure on the first half-year's work in that course to a condition, which condition may be removed by re-examination.

Grade I (Incomplete) automatically becomes F (Failure) unless removed within one half-year.

### RULES GOVERNING ABSENCE FROM CLASS

1. By vote of the faculty, the only excuses for absence from class which will be accepted are:

(a) Sickness.

(b) In especially urgent cases, written permission from the president or the dean.

2. The effect of unexcused absences is to lower the half-year grade, which is discounted in the ratio of the number of unexcused absences to the total number of class meetings scheduled. Thus, three unexcused absences from a class scheduled to meet fifty times during the half-year reduces a grade from 80 to 72, that is, ten per cent.

3. The University authorities insist on regularity in attendance on classes as a matter of discipline, apart from its effect on the student's grades. A student who absents himself from any classes more than three times during a half-year without valid excuse is immediately placed on probation, and his parents are notified that another such report from any of his professors, relative to absences subsequent to the date of the original report, will result in his suspension from the University.

### HONORS AND APPOINTMENTS

**Fellowships**—Fellowships are awarded each year in the following departments or groups of departments: English, Latin, and Greek; modern languages, history, economics, and philosophy and education; mathematics, physics, and engineering; geology, chemistry and biology. These fellowships may be divided equally among the several groups, or more than one fellowship may be awarded in a single group, at the discretion of the president. The value of each fellowship is \$200.00.

Appointments to fellowships are made by the president, preference being given to graduates of the University who stand highest in scholarship, deportment and general excellence. Each fellow is required to pursue advanced studies in the department in which he holds a fellowship. He is also expected to give whatever assistance in University work the president and faculty may require of him. The time devoted to this work will in no case exceed twelve hours a week.

**Honors**—Special honors are conferred upon all students in regular courses who receive A in more than half of their work and B in the remainder. The names of these students are printed in the commencement program, and in the catalogue of the following year.

**Commencement Speakers**—Of the candidates for college degrees not fewer than three, and not more than seven, are selected to deliver orations during commencement week. In the selection of the speakers, regard is had for both class standing and proficiency in oratory.

**The Trustees Prize**—For the best oration delivered by a member of the senior class during commencement week, the trustees award a prize of \$25 in money, or a medal, at the option of the winner.

**Junior Contest in Oratory**—Near the close of the third term is held a contest in oratory, consisting of the delivery of



original orations by the seven members of the junior class who have the highest standing in oratory.

**The Tennant Lomax Prize**—The late Tennant Lomax made provision in his will for an annual prize in oratory, to be known as "The Tennant Lomax Prize for Oratory," in memory of his father, Tennant Lomax. The value of this prize is about \$20. By vote of the faculty it is for the present awarded for the best oration delivered by a member of the junior class at their annual contest.

**Freshman Contest in Declamation**—Near the middle of the third term is held a contest in declamation by a selected number of members of the freshman class.

**The Thomas Medals**—In 1902-03, Mr. C. E. Thomas, an alumnus of the University, established an annual prize, consisting of a gold medal valued at \$15, to be given to the best speaker in the freshmen class. In 1912-13, Mr. Thomas offered a second gold medal, valued at \$10, to be given annually to the second best speaker. These medals are awarded to the successful contestants in the freshman declamation contest.

**The Bryan Prize**—In the spring of 1898, the Honorable William J. Bryan donated to the University the sum of two hundred and fifty dollars for the purpose of providing "an annual prize for the best essay on some subject relating to the science of government." This sum provides a prize of \$15 in value, which is awarded under the following rules:

I.—This prize is offered for the best essay upon any subject bearing upon the science of government, to be submitted to the president on or before the 15th day of May, the length of the essay not to be fewer than 1,000 nor more than 2,000 words, the words to be accurately counted by the author and endorsed upon the back of the essay. But no essay will be received upon which a prize has already been won.

II.—All students of the University may compete for the prize, but no award will be made unless there are as many as three contestants.

III.—The essays submitted shall be considered the property of the University under the control of the president.

IV.—Each essay shall be signed in cipher—not the writer's name. Each contestant shall file with the president a statement signed with his full name and cipher declaring that the essay is original in the usual acceptance of the term, and appending a list of authorities from which material was drawn.

V.—A committee of three, appointed by the president, shall decide upon the merits of the essays submitted.

VI.—The prize shall be a medal or money, as the winner may elect.



**The Weatherly Prize**—In 1906, Mr. James Weatherly, a member of the class of 1879, donated to the University the sum of two hundred and fifty dollars for the purpose of providing an annual prize for the best essay on "Ethical Standards as Applied to Every-Day Life." This sum provides a prize of \$15 in value, which is presented on commencement day to the student submitting the best original essay, as determined by a special committee of award. The contest for this prize is governed by the rules for the Bryan prize, excepting the provision in regard to the subject of the essay.

**The Eugene Lewis Brown Prize**—The Rev. Wyatt Brown, recently of Mobile, has agreed to establish, subject to the approval of the trustees, an annual prize of \$25.00 for the best essay on some subject relating to sociology. This prize is given in honor of his father, the late Eugene L. Brown, Esq. It is open to law students and to seniors and graduates in arts and sciences.

**The Monnish Prize**—Through the generosity of Mr. F. W. Monnish, a native of Frankfort-on-the-Main, but now a resident of Tuscaloosa, Alabama, an annual prize of twenty dollars has been established for the encouragement of the study of the German language and literature.

**School of Law Prizes**—A number of prizes are offered especially to students of law. (See page 128).

**The James Harris Fitts Scholarship**—Mr. James Harris Fitts, a graduate of the class of 1849, gave to the University in 1903 the sum of five thousand dollars for the establishment of a scholarship. The income of the fund, amounting at present to three hundred and fifty dollars annually, is paid to not more than two students in the undergraduate department under the following rules fixed by the faculty in accordance with the terms of the gift:

- (a) The recipient must be under twenty-three years of age.
- (b) He must be, or propose to become, a teacher by profession in the state of Alabama.
- (c) He must be able to enter the junior class in the college of arts and sciences.
- (d) The scholarship can be awarded not more than two years to the same person.
- (e) The scholarship is to be awarded annually by the faculty upon the recommendation of the president of the University, the dean of the college of arts and sciences, and the professor of philosophy and education, after a competitive

examination, either oral or written. This scholarship is open to men and women on equal terms. Applications should be made in writing to the president.

By direction of the trustees of the University, this scholarship is known as the *James Harris Fitts Scholarship*.

**The Alabama Federation Loan Scholarship**—In 1906 the Alabama Federation of Women's Clubs established at the University a loan scholarship of the value of two hundred dollars a year. The conditions governing the award of this scholarship are as follows:

- (a) The beneficiary shall be a young woman resident in Alabama, between the ages of 18 and 24 years, prepared to enter the junior class of the college of arts and sciences.
- (b) The scholarship shall be awarded only after competitive examination, and may be held by the beneficiary for two consecutive sessions. Application should be made to the president of the University. The appointment is made by the Federation Loan Scholarship Committee and the president of the University.
- (c) The beneficiary must maintain the required standard in scholarship, attendance, and conduct. Failing in any of these requirements, she may be replaced by another beneficiary appointed in the same manner.
- (d) The amount of the scholarship shall be paid in three installments—\$66.66 at the beginning of each fiscal term.
- (e) Should the beneficiary withdraw from the University before the close of the session she shall return at once to the scholarship fund the rebates to which she is entitled under the rules of the University.
- (f) Repayment of this loan shall be made to the treasurer of the University at the rate of one hundred dollars a year without interest, the first payment becoming due the first year after graduation or resignation.
- (g) The beneficiary shall signify her perfect understanding of these terms by signing a paper of agreement to be presented to her by the president of the University when she receives her first payment.
- (h) A report of the progress of the beneficiary shall be sent to the chairman of the scholarship committee twice each year after the mid-year and final examinations.

**The United Daughters of the Confederacy Scholarship**—Beginning with the session of 1908-09 the Alabama division of the United Daughters of the Confederacy established a schol-

arship of the value of one hundred dollars to be awarded annually by a committee of the division. This scholarship is usable at the option of the holder either at the University of Alabama or at the Alabama Polytechnic Institute. The scholarship is available only to descendants of Confederate veterans.

### GENERAL EXPENSES

University fees for the whole session are as follows:

#### FOR MEN

##### IN COLLEGE OF ARTS AND SCIENCES, SCHOOL OF EDUCATION, AND COLLEGE OF ENGINEERING

	Those Rooming in Dormi- tories	Those not Rooming in Dormi- tories
Room rent, heat, lights, water, and attendance.....	\$ 36.00	\$.....
Registration, incidental, library, gymnasium, and medical fees .....	24.00	24.00
<b>Total .....</b>	<b>\$ 60.00</b>	<b>\$ 24.00</b>
Amount each term .....	20.00	8.00

#### IN SCHOOL OF LAW

Room rent, heat, lights, water, and attendance.....	\$ 36.00	\$.....
Incidental, library, gymnasium, and medical fees....	15.00	15.00
Tuition .....	75.00	75.00
<b>Total .....</b>	<b>\$126.00</b>	<b>\$ 90.00</b>
Amount each term .....	42.00	30.00

#### FOR WOMEN

Board, furnished room, heat, lights, water, and at- tendance .....	\$162.00	\$.....
Registration, incidental, library, gymnasium, and medical fees .....	24.00	24.00
<b>Total .....</b>	<b>\$186.00</b>	<b>\$ 24.00</b>
Amount each term .....	62.00	8.00

For the convenience of students, the session is divided into three fiscal terms, and one-third of these charges is payable at the beginning of each term.

Students who room in the dormitories and take meals elsewhere are charged \$4.00 each scholastic month for room rent. In the assignment of rooms preference is given to students in the college of arts and sciences, and the college of engineering, and especially to those who take meals in the University dining-room.

Tuition in the college of arts and sciences and the college of engineering is free to all students who are residents of Alabama; students from other states pay \$20.00 a session. Tuition in the law school is \$75.00 a session, one-third of which is payable at the beginning of each fiscal term.

The itemized statement of expenses given above includes furniture for rooms in the dormitories for women, but not in the dormitories for men. Men students who room in the dormitories, therefore, must provide their own furniture. Ordinarily the student moving into a dormitory room purchases, through a selling agent, the furniture used by the former occupant of the room, thus reducing the cost to a very low figure. All students, both men and women, must procure for themselves the necessary bed covering, towels, etc.

Students must also provide themselves with text-books and stationery. These are estimated to cost, in the college of arts and sciences, from \$10.00 to \$15.00 a year; in the college of engineering, from \$15.00 to \$20.00 a year; in the school of law, from \$50.00 to \$60.00 a year. Of other expenses no general estimate can be made, the amount depending for the most part on the student's individual tastes and habits.

Special charges will be assessed against students who wilfully or carelessly damage the property of the University.

### OTHER FEES

In the department of biology, the fee is \$4.50 a half-year for each course taken. In the department of chemistry, the fees each half-year are: \$3.00 in courses 6, 7, 11, 13 and 16; \$4.50 in courses 1, 2 and 8; \$6.00 in course 12; and \$7.50 in courses 3 and 4. A deposit of \$5.00 to cover cost of breakage, etc., is required of each student on entering the chemical laboratory. The unexpended balance of this fee is returned at the end of the session. In the department of geology, the fees are: \$3.00 a half-year for courses 1, 4, 5 and 6; \$4.00 a half-year for courses 2 and 3. In the department of physics, the fee is \$4.50 a half-year.

In the college of engineering, the fee is \$4.50 a half-year for freshmen, sophomores, and special students, including students in the college of arts and sciences who take any of the



laboratory, field or drawing courses. For juniors and seniors the fee is \$7.50 a half-year. Any person doing special work in any of the engineering laboratories will be charged, in addition to the regular fee of \$4.50 a half-year, a sum equal to the cost of the materials consumed.

Laboratory or department fees are payable on or before the first day of each half-year.

A fee of \$5.00 to cover expense of graduation, diploma, etc., is charged each person taking a degree at the University. This fee must be paid to the bursar-registrar at least ten days before commencement. The amount will be refunded should the degree not be conferred.

*All University dues must be paid on or before the first day of each term. Students who are delinquent in the payment of their dues are required to pay a special fee of \$5.00, in addition to the regular dues, before they are allowed to attend recitations or otherwise to receive instruction. The president is required to cause the withdrawal of any student who fails to make payment after written notice or request.*

*No fees are refunded for any cause within the limits of one term, except in the case of laboratory fees, and then only on special recommendation of the dean. There is also no reduction in the amount of any fee on account of late matriculation, except in the case of room rent.*

### TABLE BOARD

The University does not on its own account provide meals for students. The students who room in the dormitories have organized an association for the purpose of providing meals upon a co-operative plan. This association serves meals at \$36.00 a fiscal term. This amount must be paid by each member to the treasurer of the association at the beginning of each term.

The association enforces the same regulations relative to deductions and rebates for meals which the University has fixed for room rent and law tuition, except that no rebate will be allowed in case of suspension for violation of the rules of the association.

Students who do not room in the dormitories may secure table board in the University dining-room at \$12.00 a month. Board may also be obtained in private families at from \$16.00 to \$25.00 a month.



# College of Arts and Sciences

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.,  
President.

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Dean.

## FACULTY

THOMAS C. MCCORVEY, A. M., LL. D.,  
Professor of History and Political Economy.

JOHN Y. GRAHAM, Ph. D.,  
Professor of Biology.

WILLIAM B. SAFFOLD, Ph. D.,  
Professor of Latin.

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics.

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Professor of English.

GEORGE G. BROWNELL, Ph. D.,  
Professor of Romance Languages.

EDWIN H. FOSTER, A. M.,  
Professor of German.

FREDERICK D. LOSEY, A. M.,  
Professor of Rhetoric and Public Speaking.

JAMES J. DOSTER, A. M.,  
Professor of Philosophy and Education.

GUSTAV WITTIG, E. E.,  
Professor of Physics and Electrical Engineering.

STEWART J. LLOYD, Ph. D.,  
Professor of Chemistry and Metallurgy.

ROBERT F. COOPER, Ph. D.,  
Peabody Professor of Education.

WILLIAM F. PROUTY, Ph. D.,  
Professor of Geology.

JAMES S. THOMAS, A. M.,  
Professor of Secondary Education.

LEE BIDGOOD, A. M.,  
Professor of Economics.

MALCOLM C. BURKE, Ph. D.,  
Associate Professor of Greek and Latin.

FREDERICK G. STICKNEY, A. M.,  
Adjunct Professor of English.

JACK P. MONTGOMERY, Ph. D.,  
Adjunct Professor of Chemistry.

FITZHUGH L. CARMICHAEL, A. B.,  
Assistant Professor of Mathematics.

GUY EVERETTE WHITMAN,  
Instructor in Physics.

JAMES FRED. JOHNSON, A. B.,  
Instructor in English.

CALVIN POOLE, A. B.,  
Instructor in English.

CHARLES A. LEWIS,  
Instructor in English.

JOHN J. FARRIS, Jr., A. B.,  
Fellow and Assistant in English.

FRED A. LEWIS, B. S.,  
Fellow and Assistant in Mathematics.

CHARLES W. GREER, A. B.,  
Fellow and Assistant in History.

LEWY DORMAN, A. B.,  
Fellow and Assistant in History.

ROBERT G. MARTIN,  
Assistant in English.

MORITZ E. FROHLICH,  
Assistant in Economics.

JOHN C. CURRY,  
Assistant in Geology.

THOMAS D. JOHNSON,  
CHARLES R. DICKINSON,  
Assistants in Physics.

EMMETT N. BARNES,  
Assistant in Chemistry.

FRED A. LUQUEER,  
JOSEPH W. VANN,  
Assistants in Biology.

LOWNDES D. MORTON,  
MERRITT L. WIKLE,  
THOMAS P. TOMPKINS,  
Assistants in Gymnasium.

### METHODS OF ADMISSION

There are three methods of gaining admission to the freshman class:

1—*By certificate from affiliated schools.*

Those public and private schools in Alabama that are giving adequate instruction in the subjects required for admission to the freshman class are recognized by the University as affiliated schools. Graduation from these schools, when officially certified in the subjects mentioned below, permits admission to the freshman class without examination in all subjects so certified. For the list of affiliated schools, see last pages of catalogue.

An applicant from one of these affiliated schools who cannot present a certificate of graduation will not be admitted, even though he has secured credit for the full fourteen units required, unless the principal of the school shall recommend his admission. Without such recommendation he will be required to secure, by examination at the University, additional credits to the amount of at least two units in fourth year high school subjects.

Graduation from a high school in another state entitles the applicant to the same credit he would receive at his own state university.

### 2—*By certificate and by examination.*

An applicant from a non-affiliated school who presents a satisfactory certificate covering the work required for admission to the freshman class will be excused from a part of the entrance examinations, provided in the opinion of the committee on admission the principal of the school is a man of approved scholarship and ability as a teacher. In such cases, however, entrance examinations will be required in the following subjects: Rhetoric and English classics, algebra and geometry, any one year's course in history; and, for admission to the A. B. course, Latin.

A teachers' first grade certificate entitles an applicant to five and one-half units' credit, as follows: Algebra, one unit; plane geometry, one unit; rhetoric, composition, and literature, two units; United States history, one unit; physics, one-half unit.

### 3—*By examination.*

An applicant who presents no satisfactory certificate will be required to pass examinations on the full fourteen units required for admission. The regular examinations for admission will be held at the University, Monday and Tuesday, September 11 and 12, beginning at 9 a. m. Special examinations for admission may be held at any time during the first six weeks of the session, but students are urged to enter promptly at the beginning of the college year.

## REQUIREMENTS FOR ADMISSION

For admission to the freshman class a student should be at least fifteen years of age. For admission to a higher class he should have a proportionate advancement in age. If he comes from a chartered university or college, he must bring a certificate of honorable discharge. All applications for admission are referred to the faculty committee on admission.

The scholastic requirement for admission is fourteen units of high school work. "*A unit represents a year's study in any subject in a secondary school, constituting approximately a quarter of a full year's work.*" This standard of measurement "*takes the four-year high school as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length, and that the study is pursued for four or five periods a week.*"

In no case will an applicant be granted more than four units for any one year's work in a high school; or more than fourteen units, that is, unconditioned admission, for a certificate of graduation from a high school.

## REQUIRED SUBJECTS

Of the fourteen units required for admission, the following are prescribed:

For the A. B. course:

English .....	3 units
Mathematics .....	3 units
Latin .....	*3 units

For the B. S. course:

English .....	3 units
Mathematics .....	3 units

\*Four units are required for admission to Latin 1. Applicants who present only three units in Latin must take Latin A, as well as Latin 1 and 2. In such case, if the applicant has presented fourteen entrance units, the three additional hours in Latin are counted as part of the sixty hours required for graduation.

## ELECTIVE SUBJECTS

To make up the total of fourteen units the applicant may offer any of the following subjects:

Advanced English .....	1 unit
Trigonometry .....	$\frac{1}{2}$ unit
History .....	1 to 3 units
Latin .....	1 to 4 units
Greek .....	1 to 2 units
French .....	1 to 2 units
German .....	1 to 2 units

Sciences:

Botany .....	$\frac{1}{2}$ to 1 unit
Chemistry .....	1 unit
Geography (Physical) .....	$\frac{1}{2}$ to 1 unit
Physics .....	1 unit
Physiology .....	$\frac{1}{2}$ unit
Zoology .....	$\frac{1}{2}$ to 1 unit

Vocational Subjects:

Agriculture .....	1 to 2 units
Drawing .....	$\frac{1}{2}$ to 1 unit
Geography (Commercial) .....	$\frac{1}{2}$ unit
Manual Training .....	1 to 2 units

The maximum amount of credit in the above list will be granted only for extended courses in which modern methods of instruction have been followed. This involves, in most of the sciences, laboratory experiments and the use of note books.



## DESCRIPTION OF SUBJECTS

## ENGLISH

1. Composition and rhetoric, (one unit).

2. English classics and history of English literature, (two units).

Two lists of books will be found below, one for study and practice in class, the other for reading out of class. Those in the first list are to be studied with care. The examination will presuppose a thorough knowledge of their form and substance, and a familiarity with the chief facts in the lives of their authors. The books in list two, on the other hand, the student is not expected to study, but simply to read as he reads other books. In this part of the examination, therefore, knowledge of subject-matter will be considered as far less important than ability to write good English.

## LIST ONE

*For Study and Practice in Class*

For 1916, 1917.

Shakspere's *Macbeth*; Milton's *Minor Poems*; either Burke's *Speech on Conciliation*, or Washington's *Farewell Address* and Webster's *Bunker Hill Oration*; either Macaulay's *Life of Johnson* or Carlyle's *Essay on Burns*.

## LIST TWO

*For Reading Out of Class*

For 1916, 1917.

Group I. (Two to be selected.)

The *Old Testament* (Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, and Esther); *The Odyssey* (Omit Books 1, 2, 3, 4, 5, 15, 16, 17); *The Iliad* (Omit Books 11, 13, 14, 15, 17, 21); Vergil's *Aeneid*. For any one of the four units of this group a unit from any other group may be substituted. The *Odyssey*, the *Iliad*, and the *Aeneid* should be read in English translations of literary excellence.

Group II. (Two to be selected.)

Shakspere's *Merchant of Venice*, *Midsummer Night's Dream*, *As You Like It*, *Twelfth Night*, *Henry the Fifth*, *Julius Caesar*.

Group III. (Two to be selected.)

Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Scott's *Ivanhoe*, or *Quentin Durward*; Hawthorne's *House of Seven Gables*; Dickens's *David Copperfield*, or *A Tale of Two Cities*; Thackeray's *Henry Esmond*; Mrs. Gaskell's *Cranford*; George Eliot's *Silas Marner*; Stevenson's *Treasure Island*.

## Group IV. (Two to be selected.)

Bunyan's *Pilgrim's Progress*, Part 1; Addison's *Sir Roger de Coverley Papers*; Franklin's *Autobiography* (condensed); Irving's *Sketch Book*; Macaulay's *Essays on Lord Clive and Warren Hastings*; Thackeray's *English Humorists*; Lincoln's two *Inaugurals*, *Speeches in Independence Hall* and *at Gettysburg*, *Last Public Address*, *Letter to Horace Greeley*; Parkman's *Oregon Trail*; Stevenson's *Inland Voyage* and *Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*.

## Group V. (Two to be selected.)

Palgrave's *Golden Treasury* (First Series), Books II and III; Gray's *Elegy in a Country Churchyard*, and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lady of the Lake*; Byron's *Childe Harold*, *Canto IV*, and *Prisoner of Chillon*; Palgrave's *Golden Treasury* (First Series), Book IV; Poe's *Raven*; Longfellow's *Courtship of Miles Standish*; Whittier's *Snow Bound*; Macaulay's *Lays of Ancient Rome*; Arnold's *Sohrab and Rustum*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Select Poems*.

## MATHEMATICS

1. High school algebra, (one and one-half units).
2. Plane geometry, (one unit).
3. Solid geometry, (half unit).

Sufficient preparation can be obtained from any thorough high school course in each of these subjects.

## HISTORY

1. Ancient history, (one unit).
2. Mediæval and modern history, (one unit).
3. English history, (one unit).
4. History of United States and civil government, (one unit).

Sufficient preparation can be obtained from a careful study of any good high school histories.

## LATIN

1. Grammar, composition, translation of easy passages, (one unit).
2. Cæsar, any four books of the Gallic War, (one unit).
3. Cicero, six orations, (one unit).
4. Vergil, Aeneid, six books, (one unit).

Equivalents selected from Cæsar (Civil War) and Nepos (Lives); Sallust (Catiline and Jugurthine War); Vergil (Bucolics, Georgics, and Aeneid); and Ovid (Metamorphoses, Fasti, and Tristia) may be offered in place of 2, 3 and 4.

The examination in grammar and composition will demand thorough knowledge of all regular inflections, all common irregular forms, and the ordinary syntax and vocabulary of the prose authors read in school, with ability to use this knowledge in writing simple Latin prose.

For the benefit of students that are not fully prepared, a preparatory course (Latin A) is offered as part of the regular work of the University.

#### GREEK

Four books of Xenophon's Anabasis (or equivalent), with accompanying work in grammar and simple prose composition, (two units).

At present many candidates for admission to this subject have studied no Greek whatever. For this reason a beginners' course (Greek A) is offered as part of the regular freshman work in the bachelor of arts course.

#### FRENCH

Elementary grammar, composition, and not less than two hundred pages of easy reading, (two units).

At present many candidates for admission to this course have studied no French whatever. For this reason a beginners' course (French A) is offered as part of the regular work of the University.

#### GERMAN

Elementary grammar, composition, and not less than one hundred pages of easy reading, (two units).

At present a beginners' course (German A) is offered as in French.

#### SCIENCE

The entrance requirements in botany, chemistry, physical geography, physics, physiology, and zoology include such knowledge of the subjects as may be obtained from systematic study of any good modern text-book. In the case of chemistry and physics, such class-room instruction should in all cases be ac-

accompanied by laboratory experiments and the use of note books. For a full unit's credit in a science the course must extend throughout a nine months' session.

#### VOCATIONAL SUBJECTS

Credit for high school work in agriculture, mechanical drawing, commercial geography, and manual training will be given in all cases where the applicant's certificate indicates that the course has been a thorough and systematic one, under competent instruction.

#### CONDITIONED STUDENTS

A student who cannot present the full number of units may be admitted conditionally, but no student will be admitted who is conditioned on more than 2 units. All conditioned students, therefore, must present at least 12 units. Of these, 3 must be in English, 2 in mathematics; and, in the bachelor of arts course, 3 in Latin.

Entrance conditions may be removed either by private study and examination by the University authorities, by attendance on the summer school, or by pursuing the "A" courses offered during the regular session of the University. Next session such courses will be offered in Latin, Greek, French, German, Spanish, and solid geometry. All entrance conditions should be removed by the beginning of the sophomore year.

A student who is admitted without entrance conditions may have conditions in course. For instance, if an applicant has never received credit for solid geometry, he is conditioned in that course, even though he has presented the full entrance requirements of 14 units.

#### SPECIAL STUDENTS

Applicants at least twenty years old who desire to pursue courses at the University may be admitted without formal examination, provided they give evidence of adequate preparation for the courses sought. In all such cases, the applicant must at least satisfy the full entrance requirements in the department he wishes to enter.

#### ADVANCED STANDING

A candidate for admission to advanced standing, who comes from an approved institution of collegiate rank, may receive credit, without examination, for work done at such institution. Graduates of the normal schools at Florence, Jacksonville, Livingston, and Troy; of the Alabama Girls Technical Institute; of Marion Institute; of Highland Home College, St.



Bernard College, and Spring Hill College, may also be admitted to advanced standing. All applicants will be required, however, to present, or to have had accepted elsewhere, the same entrance subjects as are demanded of the students entering the University of Alabama without advanced credit; and to cover, or to have covered, all the prescribed subjects in the course leading to the desired degree at the University of Alabama. The committee on instruction will determine the amount of credit that the applicant may receive on receipt of satisfactory credentials.

No degree is granted by the University to any student who has not spent at least one year in resident work.

### REQUIREMENTS FOR GRADUATION

In order to receive the degree of bachelor of arts or of bachelor of science, a student must satisfy the following requirements:

1. He must complete 60 hours of class work.

(a) No credit for any of this work may be secured by examination alone; regular attendance on classes at the University is essential.

(b) Members of the graduating class must pass in all the hours of their senior course, whether or not such hours are needed to make up the required total of 60 hours.

2. He must receive credit for two hours a week in the gymnasium during his freshman year and two hours a week during his sophomore year.

The courses from which the candidate for a degree must make his selection are divided into seven groups, as follows:

GROUPS	DEPARTMENTS
I. English	English language and literature, and public speaking.
II. Ancient language	Greek language and literature. Latin language and literature.
III. Modern language	French language and literature. German language and literature. Spanish language and literature.
IV. Mathematics	Mathematics.
V. History and economics	History, economics, and political science.
VI. Philosophy and education	Philosophy and education.
VII. Natural science	Biology, chemistry, and metallurgy, geology and mineralogy, physics and astronomy.



**FOR THE DEGREE OF BACHELOR OF ARTS****MAJOR COURSE**

Before graduation the student must complete a major course of not fewer than twelve hours in one group, nine of which must be in the same department. Notice of the major group chosen must be filed with the dean at the beginning of the junior year.

**COURSES FROM OTHER GROUPS**

The work required for graduation not included in the major course is to be chosen subject to the following restrictions:—

1. Six hours must be chosen from each of groups I, II, III, V.

(a) A student who has credit for two years of high school French or German is not required to take more than three hours in group III, but such exemption does not excuse him from the requirement of a total of sixty college hours.

(b) The six hours chosen from group II and the six from group III must in each case be in one department.

(c) Six hours in each of the two departments in group II may be chosen instead of six hours in II and six in III.

2. Three hours must be chosen from group IV.

3. Eight hours must be chosen from group VII.

4. Not more than eight hours may be elected at one time from any group except the major group.

5. Not more than two foreign languages may be taken in the freshman or the sophomore year.

6. No course may be counted towards a degree which substantially duplicates work for which credit has already been granted, either in the University or in the preparatory school.

**FOR THE DEGREE OF BACHELOR OF SCIENCE****MAJOR COURSE**

Before graduation the student must complete a major course of not fewer than twelve hours in one group, nine of which must be in the same department. Notice of the major group chosen must be filed with the dean at the beginning of the junior year.

## COURSES FROM OTHER GROUPS

The work required for graduation not included in the major course is to be chosen subject to the following restrictions:—

1. Six hours must be chosen from each of groups I, III, V.

(a) A student who has credit for two years of high school French or German is not required to take more than three hours in group III, but such exemption does not excuse him from the requirement of a total of sixty college hours.

(b) The six hours chosen from group III must be in one department.

2. Five hours must be chosen from group IV.

3. Sixteen hours must be chosen from group VII, four of which must be in an advanced course.

4. Not more than eight hours may be elected at one time from any group except the major group.

5. No course may be counted towards a degree which substantially duplicates work for which credit has already been granted, either in the University or in the preparatory school.

## RESPONSIBILITY

The individual student will be held responsible for the election of his course in conformity with the preceding regulations.

## CHANGES IN COURSES OF STUDY

No changes in courses of study will be permitted after the end of the second week of either half-year, except for special cause and with the specific consent of the dean.

## AMOUNT OF WORK TO BE CARRIED AT ONE TIME

The prescribed number of hours for all students, whether regular or special, is from fourteen to sixteen. Students who make exceptionally high records in scholarship may, with the approval of the University physician, be permitted to take additional work, but in no case may a student's number of hours exceed nineteen. The faculty strongly recommends that students confine themselves to the average number of fifteen hours, and thus devote four full years to the completion of their undergraduate course.

## COLLEGE CREDIT FOR PROFESSIONAL COURSES

For work in the school of law.

Seniors in the college of arts and sciences may count towards the bachelor of arts or bachelor of science degree ten hours from the course of study in the school of law.

## COURSES OPEN TO FRESHMEN

Astronomy 1, 2 hours.	Greek A, 4 hours.
Biology 1, 4 hours.	Greek 1, 3 hours.
Biology 2, 4 hours.	History 1, 3 hours.
Chemistry 1, 4 hours.	Latin A, 3 hours.
Drawing, 3 hours.	Latin 1, 3 hours.
English 1, 3 hours.	Mathematics A, 3 hours.
English 9, 3 hours.	Mathematics 1, 3 hours.
English 11, 3 hours.	Mathematics 2, 3 hours.
French A, 3 hours.	Physics 1, 4 hours.
French 1, 3 hours.	Political Science 1, 3 hours.
Geology 1, 3 hours.	Public Speaking 1, 1 hour.
Geology 2, 4 hours.	Spanish A, 3 hours.
German A, 3 hours.	Spanish 1, 3 hours.
German 1, 3 hours.	Surveying, 2 hours.

## COURSES OPEN TO UPPER CLASSMEN

All courses offered in the college of arts and sciences are open to upper classmen, provided they have in each case received credit for the necessary prerequisite work. In addition to these courses, upper classmen may also elect two engineering subjects, descriptive geometry and mechanics.

# Courses of Study

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## DEPARTMENT OF BIOLOGY

PROFESSOR GRAHAM

MR. LUQUEER

MR. VANN

1. **General Biology**—An introduction to the study of the structure and functions of organism. By an examination of typical forms, first the simplest and then the more complex, a foundation is laid for a discussion of the fundamental principles of evolution, heredity, and genetics. Four hours, first half-year. Recitations or lectures, section 1, Tu. 8, Th. 8; section 2, Tu. 9, Th. 9; laboratory exercises, section a, M. 2-4, W. 2-4; section b, Tu. 2-4, Th. 2-4; section c, W. 11-1, F. 11-1. Professor Graham, Mr. Luqueer, and Mr. Vann.

2. **Botany**—A study of representatives of the principal groups of plants and of the fundamental principles of plant life, relationship, and evolution. Four hours, second half-year. Hours as for course 1. Professor Graham, Mr. Luqueer, and Mr. Vann.

3. **Zoology**—A study of the structure, habits, life histories, and economic significance of selected types. Course 1 a prerequisite. Four hours, first half-year. Recitations or lectures, W. 9, F. 9; laboratory exercises, M. 8-11, F. 2-4. Professor Graham and Mr. Luqueer.

4. **Botany**—A study of the ecology and physiology of plants. Course 2 a prerequisite. Four hours, second half-year. Hours as for course 3. Professor Graham.

5. **Advanced Zoology and Histological Methods**—Hours to be arranged. Professor Graham.

Note—For above courses a laboratory fee of \$4.50 each half-year is required.

6. **Methods of Teaching Biology in the High Schools**—Elective for seniors in the school of education. One hour, first half-year. M. 12. Professor Graham.

## DEPARTMENT OF CHEMISTRY AND METALLURGY

PROFESSOR LLOYD

ADJUNCT PROFESSOR MONTGOMERY

MR. BARNES

1. **General Chemistry**—Required of all engineering students and elective for all others. Four hours (three lectures and one laboratory period). Section a, M., W., F. 10; section b, M., W., F. 11; M., or Tu., or W. 2-4. Professor Montgomery and Mr. Barnes.

2. **Advanced Inorganic Chemistry**, including qualitative analysis and inorganic preparations. Required of sophomores in chemical engineering, of juniors in mining and highway engineering, and elective for those who have completed course 1. Four hours (one lecture and three laboratory periods). Section a, Tu. 11; section b, F. 11; Tu., Th., F. 2-4. Professor Lloyd.

3. **Quantitative Analysis**—Required of students in chemical and mining engineering, and elective for those who have completed course 2. Three laboratory periods. Tu., Th., F. 2-4. Professor Lloyd.

4. **Organic Chemistry**—Required of juniors in chemical engineering, and elective for those who have completed course 1. Four hours (two lectures and a double laboratory period). Tu., Th. 12; S. 8-12. Professor Montgomery.

5. **Technical Chemistry**—A discussion of materials and processes employed in chemical industries; evaporators, filter-presses; transference of corroding materials; design of stills, etc. Required of seniors in chemical engineering. Two lectures. Professor Lloyd.

6. **General Metallurgy**—Elective for all who have completed course 3. Two lectures and one laboratory period. Professor Lloyd.

7. **Metallurgy and Metallography of Iron and Steel**—Elective for all who have completed course 3. Three hours (two lectures and one laboratory period), first half-year. Tu., Th. 12; M. 2-4. Professor Lloyd.

8. **Assaying**—Fire assay of gold, silver, and platinum, with quantitative examination of metallurgical products. One double laboratory period, second half-year. S. 9-1. Professor Lloyd.



9. **An Advanced Course for B. S. Graduates** who are candidates for the master's degree, and for others who may desire it. The work will be varied to suit the needs of the particular students who may elect it, and may include a thesis. Professor Lloyd and Professor Montgomery.

10. **Methods of Teaching Chemistry in the High School**—Open to seniors in the school of education. One hour. Professor Montgomery.

11. **Physical Chemistry**—Required of seniors in chemical engineering, and elective for those who have completed course 2. Three hours (two lectures and one laboratory period), first half-year. Professor Lloyd.

12. **Special Methods of Analysis**—Two laboratory periods. Hours to be arranged. Professor Lloyd and Professor Montgomery.

13. **Electrochemistry**—Required of seniors in chemical engineering, and elective for those who have completed course 2. Three hours (two lectures and one laboratory period), second half-year. Professor Lloyd.

14. **Technical Reports**—Elective for chemical engineering students in the fifth year. One hour. Professor Lloyd.

15. **Agricultural Chemistry**—Elective for those who have completed courses 1, 2, and 4. Two lectures a week, second half-year. M., W. 12. Professor Montgomery.

16. **Sanitary Water Analysis, Chemical and Bacteriological**—The work will closely follow the standard methods of the American Public Health Association. Elective for those who have completed courses 1, 2, and 3. Two laboratory periods, second half-year. Professor Montgomery.

Note—Courses 1, 2, 3, 4, 11, 13, and 16 are given each year, other courses as required.

The chemical library is supplied with the more important of the current journals, and students are encouraged and expected to use them freely.

**Fees**—The fees each half-year are: \$3.00 in courses 6, 7, 11, 13, and 16; \$4.50 in courses 1, 2, and 8; \$6.00 in course 12; and \$7.50 in courses 3 and 4. A deposit of \$5.00, which, less cost of breakage, etc., will be returned at the end of the year, is made by each student on entering the laboratory. The fees are payable at the beginning of each half-year.

## DEPARTMENT OF ECONOMICS

PROFESSOR BIDGOOD

MR. FROHLICH

1. **The Elements of Economics**—This course offers a general survey and analysis of the wealth-getting and wealth-using activities of modern society. It describes successively the organization and processes of production, exchange, distribution, and consumption, and the problems which grow out of each. In other words, it attempts an elementary but scientific presentation of the way in which civilized mankind makes a living and uses it, and of the relations between man and man which grow out of the process. Instruction is by text-book, lectures, and library reading, with oral recitations. Written quizzes and written exercises or reports are also assigned from time to time. Open to sophomores, juniors, and seniors. Three hours. Credit given only for a full year. Tu. 9, Th. 9, S. 9.

2. **Social Problems**—This course covers those features of American life which are broadly social but not primarily economic. They are problems which partly affect, or are affected by the production, exchange, distribution, and consumption of wealth, but which are also conditioned by some of the other great social interests, such as self-preservation, the family, or racial integrity. The course will be conducted by means of lectures, a text-book, library reading, and the preparation of a special topic. Prerequisite, economics 1 or its equivalent. Students who have passed in the first half-year of economics 1 are permitted, however, to take economics 2 during the second half-year while completing economics 1. Second half-year, three hours. M. 12, W. 12, F. 12. (*Heretofore given as Pol. Sci. 3*).

3. **Financial History of the United States**—This course treats the general financial and monetary history of the colonies and of the United States. Special attention is given to the tariffs, and about half of the time of the course is devoted to them. The other topics are paper money issues, coinage, banking systems, internal taxation, public debts, and financial administration. Instruction by text-book, lectures, and assigned readings, with oral recitations. Prerequisite, economics 1 or its equivalent. Second half-year, three hours. Tu. 10, Th. 10, S. 10. (*Given in 1915-16, not given in 1916-17*).

4. **Corporation Finance**—The main topics are: essentials of corporate organization, promotion, securities and their

marketing, income accounting and management, consolidation and reorganization. Instruction by text-book, lectures, library readings and journals, with oral recitations and frequent written exercises or reports, including one extended paper. Economics 1 or its equivalent a prerequisite. First half-year, three hours. M. 9, W. 9, F. 9.

5. **Trusts**—Embraces a brief treatment of the theory of monopoly; an historical summary of the successive forms of monopolistic combination found in the United States, with examples of each form; and a more detailed study of the organization, methods, position and economic effects of the principal trusts of today. Instruction by text and case-books, lectures, library readings drawn in large part from the reports of the United States Bureau of Corporations, oral recitations and written reports. Economics 1 or its equivalent a prerequisite. Second half-year, three hours. M. 9, W. 9, F. 9.

6. **Public Finance**—Covers the elements of taxation and public expenditures. Instruction chiefly by text-book and library readings. Economics 1 or its equivalent a prerequisite. First half-year, three hours. Tu. 10, Th. 10, S. 10. (*Given in 1915-16, not given in 1916-17*).

7. **Economic Evolution**—This course will attempt to show how the present economic system, described in economics 1, came into existence and developed. It begins with the earliest known forms of economic life and traces the evolution of industry from those forms down to the present. About one-third of the course is devoted to the primitive economy, as much more to the development in historic times down to the Industrial Revolution, and the remainder to the Industrial Revolution and its consequences. Prerequisite, economics 1 or its equivalent. Three hours. Credit given only for a full year. Tu. 10, Th. 10, S. 10. (*To be given in 1916-17*).

## DEPARTMENT OF ENGLISH

PROFESSOR BARNWELL

ADJUNCT PROFESSOR STICKNEY

J. FRED. JOHNSON

C. A. LEWIS

CALVIN POOLE

J. J. FARRIS

R. G. MARTIN

1. **English Composition**—Parallel work in advanced rhetoric and the reading of specimens of prose discourse. Rec-

itations, weekly essays, conferences. Three hours. Section a: M. 9, W. 9, F. 9; section b: M. 10, W. 10, F. 10; section c: Tu. 11, Th. 11, S. 11. Required of all freshmen.

2. **Advanced English Composition**—Study of the forms of prose discourse, lectures, themes, and conferences. Open only to students who have shown proficiency in English composition. Number limited to 18. Two hours. Tu. 8, Th. 8.

3. **Chaucer**—A study of selections from *The Canterbury Tales*. First half-year, three hours. Tu. 9, Th. 9, S. 9.

4. **Shakspeare**—A critical study of five or six plays. May be elected for two successive years. Plays read in 1916-17 will include *Hamlet* and *Othello*. Three hours. Tu. 12, Th. 12, S. 12.

5. **The English Drama**—From the miracle plays to the closing of the theatres. Lectures, rapid reading, and reports. Open only to those who have taken or are taking course 4. Two hours. M. 9, W. 9.

6. **Milton**—A critical study of selections from the poetry of Milton, with special attention to *Paradise Lost*. Second half-year, three hours. Tu. 9, Th. 9, S. 9.

7. **English Poetry During the Nineteenth Century**—Recitations, lectures, parallel reading. Three hours. M. 9, W. 9, F. 9.

8. **The English Essay**—Recitations, parallel reading, lectures, written reports, and conferences. First half-year, three hours. M. 8, W. 8, F. 8.

9. **The Short Story**—Recitations, parallel reading, lectures, written reports, and conferences. Second half-year, three hours. M. 8, W. 8, F. 8.

10. **Anglo-Saxon and Middle English**—Primarily for graduates. Three hours.

11. **American Literature**—Special attention to the literature of New England and of the South. Recitations, parallel reading, written reports. Three hours. Tu. 9, Th. 9, S. 9.

12. **Methods of Teaching High School English**—Lectures, discussion, practice work. Elective for seniors in school of education. One hour.



**PUBLIC SPEAKING**

**Public Speaking 1**—Declamations and original speeches. Stress laid on clearness of utterance and directness of address. Elective for freshmen. Prerequisite to the course in public speaking 2. No credit for less than a full year. One hour. Section a: M. 12; section b: S. 8; section c: S. 10.

**Public Speaking 2**—Declamations, orations, and extemporaneous speeches. No credit for less than a full year. Two hours. W. 10, F. 10.

**Public Speaking 3**—Argumentation. Forensics and class-room debates. Text-book and lectures. Class limited to 18. Course not offered to fewer than 12. No credit for less than a full year. Two hours. Tu. 9, Th. 9.

**DEPARTMENT OF GEOLOGY AND MINERALOGY**

PROFESSOR SMITH

PROFESSOR PROUTY

1. **Mineralogy**—A study of the occurrence, characteristics and uses of the more important minerals, together with the determination of the species by the use of their physical properties and their blow-pipe reactions. Required of chemical and mining engineers, and elective for all other students. Three hours. Lecture, Th. 9; laboratory, W. 2-4, F. 2-4.

2. **General Geology**—A general study of the history of the earth and its inhabitants and the dominant processes in earth modification. In this course frequent reference will be made to the geology of Alabama. The course is given in two parts, A and B.

A. Dynamical and structural geology during the first half-year.

B. Historical geology during the second half-year. During the year a number of field trips to near-by places of interest will be substituted for the regular laboratory periods. Part B required of chemical and mining engineers. Open as an elective to sophomores, juniors and seniors. Four hours. Lectures, M. 10, W. 10, F. 10; laboratory, M. 2-4, Tu. 2-4.

3. **Engineering Geology**—A practical course in the study of the rocks, the chief economic products of the earth and the more important dynamic processes. Required of chemical, civil, highway and mining engineers, and open as an elec-



tive to other students who have had or are taking general chemistry. Three hours. Lectures, Tu. 10, Th. 10; laboratory, F. 10-12.

4. **Structural Geology and Geological Mapping**—Designed to meet the practical needs of the mining engineer and the geologist in the interpretation of structural problems, the tracing and mapping of concealed strata and in making prospects. A number of field excursions will be substituted for laboratory periods. Required of mining engineering students. Open as an elective to others who have had geology 3 or part A of geology 2. Two hours, first half-year. W. 9, F. 9. (*May not be offered in 1916-17*).

5. **Petrography or Microscopic Petrology**—The student is taught to recognize the different minerals and rocks by use of thin sections under the microscope. The first part of the course will take up the optics of polarized light as applied to the determination of minerals. Open as an elective to students who have had geology 1 and 3. Three hours, second half-year. Lecture, W. 9; laboratory, W. 2-4, F. 2-4. (*May not be offered in 1916-17*).

6. **Geography: Physical and Economic**—In this course the relation of man to his natural environment is emphasized. An elective course. Three hours. M. 11, W. 11, Th. 2-4.

7. **A Special Course for Advanced Students**—The work to be arranged according to the need of the particular student.

The fees in the department of geology are \$3.00 a half-year for courses 1, 4, 5 and 6; \$4.00 a half-year for courses 2 and 3.

## DEPARTMENT OF GERMAN

PROFESSOR FOSTER

A. **Beginners' Course**—This course is intended to give the student drill in pronunciation; the elements of grammar and of word formation; translation, both with previous preparation and at sight, of easy dialogue and narrative prose; simple conversational exercises in German, based on selected passages of the texts read; prose composition; paraphrasing; collateral reading; memorizing German poetry; writing in German script from dictation; reading aloud, with due expression, and hearing the language read. Thomas's Practical German Grammar and simple texts. Three hours. Section a: M. 8, W. 8, F. 8; section b: Tu. 8, Th. 8, S. 8.

1. **Intermediate Course**—This course continues and extends the work of the first year, introducing the student to the great masterpieces of the classic period, and giving a brief survey of German literature. Suitable reading matter will be selected from such books as Freytag's *Die Journalisten*; Goethe's *Hermann und Dorothea*; Heine's *Poems*, *Die Harzreise*; Lessing's *Minna von Barnhelm*; Riehl's *Novellen*; Schiller's *Wilhelm Tell*, *Die Jungfrau von Orleans*, *Balladen*; Uhland's *Poems*; Wildenbruch's *Das edle Blut*. Three hours. Section a: Tu. 10, Th. 10, S. 10; section b: Tu. 11, Th. 11, S. 11.

2. **Advanced Course**—This course consists of the study of a few representative masterpieces of German literature, followed by the reading of typical German short stories portraying modern life in Germany. Composition and conversation on text; class-room and private reading. Three hours. M. 11, W. 11, F. 11.

3. **Method Course**—Methods of teaching German in the high schools. This course, designed primarily for students who intend to teach, presupposes courses A and 1 in the department of German, or their equivalent. It consists mainly of work in reading, with composition and conversation based on text. It deals also with methods and theories of teaching modern foreign languages, with the selection of text-books in German in secondary schools, with the consideration of difficulties in pronunciation, syntax, and idiom, and with problems in historical grammar of importance to the teacher. One hour.

## DEPARTMENT OF GREEK

PROFESSOR BURKE

A. **Study of Forms and Syntax**—Prose composition. Xenophon, *Anabasis*. Four hours. Tu. 8, Th. 8, F. 11, S. 8.

1. **Review of Forms and Syntax**—Plato, *Apology* and *Crito*; Herodotus, selections. Three hours. M. 12, W. 12, F. 12.

2. **Advanced Course in Greek Literature**, text to be selected later. Three hours. M. 12, W. 12, F. 12. (*Not given in 1916-17*).

Note—None of the above courses may be counted for half-year credit without special permission.

3. **Public and Private Life of the Greeks**—Text-book and letters. No knowledge of Greek required. Open to seniors, juniors, and sophomores. Two hours, first half-year. Tu. 10, Th. 10.

## DEPARTMENT OF HISTORY

PROFESSOR MCCORVEY

MR. DORMAN

MR. GREER

1. **History of England**—While this course gives an outline of the general history of England from the earliest times to the present, special emphasis is placed upon the development of the English constitution. In studying the organization and practical workings of the British government of today, points of resemblance and contrast between it and the government of the United States are examined. Three hours. Section a: Tu. 9, Th. 9, S. 9; section b: M. 11, W. 11, F. 11.

2. **Mediaeval Europe**—This course begins with the "Teutonic Migration" and traces the history of mediæval institutions to the era of the renaissance. First half-year, three hours. M. 8, W. 8, F. 8.

3. **Europe in the Nineteenth Century**—This course is prefaced with an outline of the earlier history of modern Europe, stressing the outbreak of the French Revolution, 1789, and giving its causes and results. It then passes on to the Napoleonic era, the resettlement of Europe after the Congress of Vienna, and the unification and nationalization of Italy and Germany. Second half-year, three hours. M. 10, W. 10, F. 10.

4. **American History to the Compromise of 1820**—While this course reviews the leading facts in our colonial history and the struggle for independence, it specially stresses the making of the constitution and its practical operation in the beginnings of the government. First half-year, three hours. Tu. 11, Th. 11, S. 11.

5. **Political History of the United States from Monroe's Administration Through the Reconstruction Period**—This course traces the slavery issue from the compromise of 1820 to the war between the states, the events of which will be reviewed, and closes with a brief survey of reconstruction conditions. Second half-year, three hours. Tu. 11, Th. 11, S. 11.

6. **The Teaching of History**—This course is designed for those students who are preparing themselves for the teacher's profession. It discusses courses of study and text-books in elementary and secondary schools; the use of other materials than text-books; methods of instruction; historical works for the school libraries, etc. Open to seniors in the school of education. One hour. (*This course may not be offered in 1916-17*).

7. **Civil War and Reconstruction in Alabama**—This course reviews briefly the period of sectional controversy resulting in the secession of Alabama along with her sister states of the South, and passes on to a study of the military and political events and the social and economic conditions in the state during the war between the states. While the study of the reconstruction period necessarily involves a survey of the whole political field—federal as well as state—special reference will be had to the events and conditions—the men and measures—of that era in Alabama. Open only to those students who have completed history 4 and history 5 with satisfactory grades, or who otherwise satisfy the professor that they are prepared for the work designed in this course. First half-year, three hours. M. 10, W. 10, F. 10. (*This course may not be offered in 1916-17*).

## DEPARTMENT OF LATIN

PROFESSOR SAFFORD

ASSOCIATE PROFESSOR BURKE

ACTING ASSISTANT PROFESSOR PULLIAM

A. Sallust, Catiline; Vergil, Aeneid—Three hours. Tu. 11, Th. 11, S. 11.

1. Cicero, De Senectute; Livy, selections; Horace, Odes, books I-III—Three hours. Section a: M. 12, W. 12, F. 12; section b: M. 9, W. 9, F. 9.

2. Pliny, selected letters; Martial, selections; Plautus, Captives—Three hours. Tu. 12, Th. 12, S. 12.

3. Advanced Course in Latin Literature—Text to be selected later. Two hours.

4. Advanced Course in Writing Latin—One hour. F. 11.



5. **Methods of Teaching High School Latin**—Elective for seniors in the school of education. One hour, first half-year. M. 11.

6. **Public and Private Life of the Romans**—Text-book and lectures. No knowledge of Latin required. Open to seniors, juniors, and sophomores. Two hours, second half-year. Tu. 10, Th. 10.

Courses 1 and 2 are required of all candidates for the A. B. degree.

## DEPARTMENT OF MATHEMATICS

PROFESSOR SAYRE

ASSISTANT PROFESSOR CARMICHAEL

MR. LEWIS

A. **Solid Geometry**—Three hours, first half-year. Tu. 11, Th. 11, S. 11. Professor Carmichael.

1. **Algebra**—Three hours, first half-year. Section a: M. 9, W. 9, F. 9. Professor Sayre and Mr. Lewis. Section b: M. 10, W. 10, F. 10. Professor Carmichael and Mr. Lewis.

Eng. 1. **Algebra**—Five hours, first half-year. M. 8, Tu. 8, W. 8, Th. 8, F. 8. Professor Carmichael.

2. **Trigonometry**—Three hours, second half-year. Section a: M. 9, W. 9, F. 9. Professor Sayre and Mr. Lewis. Section b: M. 10, W. 10, F. 10. Professor Carmichael and Mr. Lewis.

Eng. 2. **Trigonometry**—Five hours, second half-year. M. 8, Tu. 8, W. 8, Th. 8, F. 8. Professor Carmichael.

3. **Analytic Geometry**—Four hours, first half-year. M. 12, W. 12, F. 12, S. 12. Professor Carmichael.

4. **Analytic Geometry, Elements of Calculus**—Four hours, first half-year; three hours, second half-year. M. 8, W. 8, Th. 8, F. 8. Professor Sayre.

5. **Calculus**—Four hours. M. 12, W. 12, F. 12, S. 12. Professor Sayre.

6. **Advanced Calculus**—Three hours. Professor Sayre.

7. **Solid Analytic Geometry, Differential Equations**—Three hours. Professor Sayre.



8. **The Teaching of Mathematics**—One hour, first half-year. Professor Sayre.

## DEPARTMENT OF PHYSICS AND ASTRONOMY

PROFESSOR WITTIG

INSTRUCTOR WHITMAN

MR. PARK

MR. JOHNSON

MR. DICKINSON

### Physics

1. **A General Course**, designed primarily to give that familiarity which every educated person ought to have with the physical laws and phenomena that constitute the material basis of modern civilization. Elementary mechanics, heat, sound, light, and electricity, taught by lecture table experiments, recitations, and laboratory experiments performed by the students individually. Special stress is laid on the laboratory work. The class reports in sections on different afternoons and each student receives personal attention. Four hours (three lectures and one laboratory period). Tu. 11, Th. 11, S. 11; M. or Tu. or F. 2-4. Professor Wittig, Instructor Whitman, Mr. Park, Mr. Johnson.

2. **A More Analytical Course**, based on physics 1. Knowledge of mathematics through trigonometry is essential, and previous or concurrent study of analytic geometry desirable. Laboratory work involves the use of instruments of precision. Four hours (three lectures or recitations and one laboratory period). M. 9, W. 9, F. 9; W. or Th. 2-4. Professor Wittig, Mr. Park.

3. **A Conference Course** for the benefit of students in the school of education who expect to teach physics in secondary schools. Open to students who have satisfactorily completed physics 2, provided enough apply to warrant organizing a class. One hour, time to be arranged. Professor Wittig.

4. **A Laboratory Course** in electrical and magnetic measurements. Open to students who have completed physics 2; required of students taking the course in electrical engineering. Two hours (two laboratory periods), first half-year. Tu. 10-12, Th. 10-12. Instructor Whitman.

5. **Industrial Electricity**—Applications of electricity in the industries, and study of electrical machinery, with labora-

tory practice. Given in the department of electrical engineering as E. E. 1, 4.

6. **Analytical Mechanics**, given in the department of mechanics as Mech. 1, 4. Accepted for graduate credit only.

7. **Thermodynamics**, pure and applied, given in the department of mechanical engineering as M. E. 7, 12. Accepted for graduate credit only.

The laboratory fee in this department is \$4.50 a half-year.

### Astronomy

1. An elementary course, chiefly descriptive, for general information. Two hours, M. 10, F. 10. Professor Wittig.

## DEPARTMENT OF POLITICAL SCIENCE

PROFESSOR MCCORVEY

PROFESSOR BIDGOOD

1. **American Government**—The aim of this course is to offer a fairly complete survey of the structure and functions of the national, state and local governments, and of the actual workings of the party system. The work is descriptive rather than theoretical. This course should therefore be followed by course 2, Principles of Political Science. Instruction is chiefly by text-book and library readings, together with some lectures and written reports. Open to all students. First half-year, three hours. M. 12, W. 12, F. 12. Professor Bidgood.

2. **Principles of Political Science**—This course is a study of the origin, nature, and organization of the state, and it attempts to analyze the various governmental functions in the light of the best scientific thought, and to illustrate the workings of governmental machinery in as practical a way as possible. Second half-year, three hours. Tu. 8, Th. 8, S. 8. Professor McCorvey.

(*For the course in social problems, heretofore given as political science 3, see economics 2*).

## DEPARTMENT OF ROMANCE LANGUAGES

PROFESSOR BROWNELL

PROFESSOR NOOJIN

### French

A. **Beginners' Course**—The Grammatical elements. Reading of simple texts. Three hours. Section a: M. 8, W. 8, F. 8; section b: Tu. 8, Th. 8, S. 8.

1. **Intermediate Course**—The reading of texts of average difficulty. Prerequisite, French A, or two years of high school French. Three hours. Section a: Tu. 10, Th. 10, S. 10; section b: Tu. 11, Th. 11, S. 11.

2. **Advanced Course**—Elective, open only to students who have satisfactorily completed French 1. Rapid reading of more difficult French. Three hours. M. 11, W. 11, F. 11.

### Spanish

A. **Beginners' Course**—Grammatical elements. Reading of simple texts. Three hours. M. 10, W. 10, F. 10.

1. **Intermediate Course**—A reading course. Prerequisite, Spanish A. Three hours. M. 9, W. 9, F. 9.

## PHYSICAL EDUCATION

PROFESSOR NOOJIN

This department aims to look after the physical well-being of the students, and to instruct them in matters pertaining to hygiene and health. To this end the following work is offered.

### MEN'S DEPARTMENT

1. **Physical Examinations**—A physical examination is given each student of the college of arts and sciences upon his entrance to the University. In this examination, besides the tests for muscular strength, an inspection of the whole body is made, and any deformities or functional disorders noted. If the examination shows the student to be in a fair state of health, he is enrolled in the gymnasium classes, and given regular exercises. Delicate students receive advice and individual attention to help correct the faults shown. At the end of the second year each student is again examined and informed of the comparative results.

2. **Physical Instruction**—In this course the exercises aim to cultivate deep breathing, to correct postural deformities, to aid the student in the correct care of his health, and to educate him in a few simple principles of personal hygiene. The "setting up" exercises of West Point are used in part, and all exercises are supplemented by short talks given as the occasion presents. More advanced students are instructed in boxing, wrestling, and the more common forms of athletics, such as basketball, football, and baseball. This work is given out of doors in pleasant weather. Freshmen: section a: Tu. 10, Th.

10; section b: Tu. 12, Th. 12. Sophomores: section c: M. 10, W. 10; section d: M. 11, W. 11.

**3. Intercollegiate Athletics**—The University is represented each year by varsity teams in football, baseball, basketball, and track. All students who compete for places on these teams are compelled to pass a rigid physical examination, showing them to be physically able to compete in the sport elected.

An opportunity is offered for tennis, but this is not under supervision. The University maintains five tennis courts, four of which are for use of the men.

Physical work is required of all freshmen and sophomores in the college of arts and sciences, unless excused by the director. The regular classes meet in four sections twice a week. At the discretion of the director this work may be changed for athletics, or other forms of exercise.

#### WOMEN'S DEPARTMENT

Courses for women are not yet outlined, but this work will shortly be under the supervision of the department. Basketball and tennis are very popular sports among the women.

#### GRADUATE STUDY

**Admission**—Students holding a bachelor's degree from the University of Alabama, or from other institutions of approved rank, are admitted to registration as graduate students.

**Government**—Graduate work is under the direction of the committee on graduate study. Each graduate student must, before entering upon his work, have his program of courses approved both by the committee and by the professor under whom he elects his major.

**Courses**—Each student must elect from certain designated and approved courses work to the amount of twelve hours, six hours of which shall be chosen from the list of courses of major rank, shall fall within one department, and shall constitute his major. In case the student does not find open to him courses of major rank aggregating six hours in the department in which he elects to major, he may take as his major any combination of courses of major rank approved by the committee and totaling at least six hours. The remaining six hours may be chosen either from the list of courses of major rank or from those of minor rank and may fall within



two or more departments; but at least three hours of his minor must be cognate with his major, and his entire minor must be approved by the department in which he chooses his major. Graduates of colleges of engineering who are candidates for the degree of master of science may elect six hours of their work in the college of engineering, from the list of courses of major rank in that college (see p. 96), provided the courses thus chosen are cognate with their major.

The following courses, to which additions may be made from time to time upon recommendation of the committee, are approved for graduate study:

Department	Courses of Major Rank	Courses of Minor Rank
Biology .....		*1, *2, 3, 4, 5, 6
Chemistry .....	4, 5, 6, 7, 8, 9, 11, 12, 13,	2, 3
Economics .....	3, 4, 5, 6, 7	
Education .....	7 & 8, 9 & 10, 2 & 5	Phil. 1, Eth. 1
	Psy. 3	*Psy. 1, Educ. 1
English .....	4, 10	3, 6, 7
Geology and Mineralogy	4, 5, 7	*1, *2, 3
Greek .....		2
History .....	7	2, 3, 4, 5
Latin .....		3
Mathematics .....	6, 7	4, 5
Physics and Astronomy.	Phys. 4, 5, 6, 7	Phys. 2, *Astr. 1

\*Open only on approval of committee and professor concerned.

No graduate student may register in a course for which he has already received academic credit, or which involves pre-requisites which he has not satisfied. He may, however, by permission of the committee and his major professor elect a limited amount of work without credit in courses not enumerated above.

**Examinations**—A graduate student is required to pass all examinations in both his major and his minor at a grade not lower than B (80-90). When pursuing work offered to both graduates and undergraduates he may be required, at the discretion of the professor concerned, to pass an examination on work assigned in excess of that required of undergraduates.

After having passed his final written examinations the student shall be required to submit to an oral examination, to be arranged by the committee on graduate study, covering the essential elements of his major subject.

**Thesis**—A thesis, evidencing originality of thought, a good command of English, and facility in organizing materials, must be submitted to the committee on graduate study not later than May 1. The subject must be in the hands of the



major professor and submitted to the committee for approval not later than December 1. Before the degree is conferred the thesis must be accepted, typewritten according to specifications furnished, and deposited with the University librarian.

**Degrees**—The degree of master of arts or master of science will be conferred upon students holding the degree of bachelor of arts or bachelor of science, upon the completion of at least one year of resident graduate work in accordance with the above requirements.

# School of Education

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.,  
President.

JAMES J. DOSTER, A. M.,  
Dean.

## FACULTY

JAMES J. DOSTER, A. M.,  
Professor of Education.

ROBERT F. COOPER, Ph. D.,  
Peabody Professor of Education.

JAMES S. THOMAS, A. M.,  
Professor of Secondary Education.

THOMAS C. McCORVEY, A. M., LL. D.,  
Professor of History.

JOHN Y. GRAHAM, Ph. D.,  
Professor of Biology.

WILLIAM B. SAFFOLD, Ph. D.,  
Professor of Latin.

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics.

CHARLES H. BARNWELL, Ph. D., LL. D.,  
Professor of English.

EDWIN H. FOSTER, A. M.,  
Professor of German.

GUSTAV WITTIG, E. E.,  
Professor of Physics.

STEWART J. LLOYD, Ph. D.,  
Professor of Chemistry and Metallurgy.

LEE BIDGOOD, A. M.,  
Professor of Economics.

## HISTORICAL STATEMENT

The school of education, which has the same rank as the school of medicine and the school of law, and which offers courses leading to professional degrees in education, was organized in 1909 for the purpose of training superintendents of schools, normal school instructors, and teachers and principals of secondary schools. It is an outgrowth of the department of philosophy and education, which was established by the trustees of the University in 1899.

The faculty at present consists of a dean, who is also professor of education, a professor of secondary education, and a professor of education, supported by the income from the Peabody fund, together with various members of the faculty of arts and sciences, who give courses in the teaching of their respective subjects. The professorship of secondary education is maintained by the General Education Board of New York, which contributes \$3,000 annually to its support. The incumbent of this chair devotes the chief part of his time to the work of developing and inspecting high schools throughout the state. The tremendous increase in the number of high schools during the past seven years is largely the result of his labors.

In 1912 the Peabody Board of Education gave to the University of Alabama \$40,000 to be used for the erection of a building for the school of education, on condition that \$10,000 be set apart annually by the University for the maintenance of this school. Since, previous to the granting of this gift, accommodations sufficient for the present needs had been provided in Morgan Hall for the school of education, the Peabody Board granted permission for the gift to be used as an endowment for a Peabody professorship of education until more adequate quarters should be demanded.

## AIMS AND PURPOSES

The school of education is organized to meet the needs of the following classes:

1. Mature students whose experience and scholarship justify them in preparing for educational leadership in the state. As part of the required collegiate work such students must complete at least fifteen hours of elective and prescribed work in the school of education, before receiving a degree in education from the University.

2. Students who are preparing to teach in the high schools of the state. Such students may begin their professional preparation at the beginning of their junior year, in which case

they should take certain fundamental courses in education described elsewhere.

3. Students who elect courses in psychology, education, or philosophy, but who are not preparing to teach.

#### REQUIREMENTS FOR ADMISSION

The courses offered in the school of education are open to all students who have satisfied the entrance requirements of the University and who have satisfactorily completed the prescribed work as far as the junior class; and to all others possessing a like attainment of scholarship.

#### DEGREES

On the completion of the work outlined and after satisfying academic requirements, a student may receive from the University the degree of bachelor of arts, or bachelor of science, in education. The M. A. or the M. S. degree may be obtained after one year of further study at the University.

#### TEACHERS' CERTIFICATES

A student who satisfactorily completes certain fundamental courses in education will, upon graduation, be granted by the State Board of Examiners a first grade teacher's certificate.

#### PROFESSIONAL LIBRARY

An earnest attempt will be made to build up as complete a professional library as the needs of the school will demand. There is already a nucleus of several hundred carefully selected books bearing on the various lines of philosophy and education, and these will be accessible to all members of the University.

#### EDUCATIONAL MUSEUM

An attempt will be made to gather together at the University as rapidly as possible an educational exhibit in which teachers and others interested may find specimens of old and new text-books for both elementary and secondary schools of foreign countries as well as of our state and nation; school reports; characteristic educational exhibits from all parts of the state; models, drawings and photographs of country, village and city school buildings, such maps and charts as will repre-

sent the progress of education in this and other states, and especially all material of any sort relating to the history of education in Alabama. Such a museum can become of great practical service to the teachers of the state and helpfully suggestive to all who are interested in the educational welfare of the state. The University will thankfully receive any gift of such material and strive to use it for the best interests of all concerned.

### COURSES OF STUDY

*Education 1, psychology 1 and 2, and education 2 are fundamental courses. They are prescribed for all candidates for degrees in education, and should be elected by all who are planning to teach.* In addition to these fundamental courses candidates for degrees must elect other courses in education amounting to at least six hours, and those wishing a recommendation to teach should take one or more courses in methods of teaching in special subjects. Education 1 and psychology 1 and 2 should be taken in the junior year; education 2 and methods of teaching in special subjects, in the senior year. *Students must consult the dean of the school of education before electing additional courses in education.*

### EDUCATION

#### 1. History and Principles of Education.

a. **History of Education**—The attempt will be made in this course to select those representative nations and individuals that have exerted most influence in helping man in his effort to realize his ideals through systems of education, and through a study of these efforts to reach a more rational understanding of the educational demands of today. Open to all juniors. Three hours, first half-year. M. 9, W. 9, F. 9. Professor Doster.

b. **Principles of Education**—A detailed study of (1) various conceptions of the aims of education, (2) education as a factor in organic and social evolution, (3) the process of education in the individual, (4) educational agencies. Open to all juniors. Three hours, second half-year. M. 9, W. 9, F. 9. Professor Doster.

2. **High School Methods**—In addition to a careful study of methods of teaching in secondary schools, students will be expected to spend a part of their time in the observation



of high school work, and as soon as opportunity can be secured, to enter upon actual practice in teaching under competent supervision. Open to those who are recommended in scholarship and who have taken the courses in educational psychology and the history of education. Three to five hours throughout the year. Tu. 8, Th. 8, S. 8. Professor Doster.

3. **School Hygiene**—A careful study of the problems of constructing, lighting, heating, and ventilating public school buildings. The following additional topics will receive critical attention. School desks, eyesight and hearing of school children; cleaning and disinfecting school rooms; sanitary toilet systems; playgrounds and the significance of play; fatigue and overwork; the hygiene of instruction; general health conditions of children; medical inspection, contagious diseases and the laws relating thereto. Open to juniors and seniors. Three hours, first half-year. M. 8, W. 8, F. 8. Professor Doster.

4. **Social Phases of Education**—In this course the following topics will be considered: Learning as a social process; education as a social process; the place and function of the school in society; education through social means external to the school. Open to juniors and seniors. Three hours, second half-year. M. 8, W. 8, F. 8. Professor Cooper.

5. **Educational Seminar**—It will be the aim of this course to direct and assist students to make a more complete study of the educational literature bearing on the subjects they are preparing to teach than can be done in the more general courses offered. In addition each student will be expected to prepare and submit a thesis on some professional phase of the subject he is preparing to teach. Open to qualified seniors. Readings, conferences, and lectures. Two hours, second half-year. Professor Doster and Professor Cooper.

6. **Secondary Education in Alabama**—A detailed study of the problems confronting the recently organized secondary schools in Alabama. Lectures, reports, and assigned readings. One hour throughout the year. M. 10. Professor Thomas.

7. **School Administration and Supervision**—A course designed for those who expect to become superintendents or principals of schools. Open to seniors and other qualified students. Two hours, first half-year. Tu. 11, Th. 11. Professor Cooper.

8. **State School Systems**—A comparative study of the school systems of the various states with special reference to

the educational needs of Alabama. Open to seniors. Two hours, second half-year. Tu. 11, Th. 11. Professor Cooper.

9. **Educational Classics**—A study of the educational writings of Plato, Aristotle, Quintilian, Montaigne, Milton, Locke, Rousseau, Pestalozzi, Herbart, Spencer, Froebel, and Dewey. Open only to seniors and graduates. Three hours, first half-year. M. 12, W. 12, F. 12. Professor Doster.

10. **Philosophy of Education**—In this course an effort will be made to trace the growth of the underlying philosophic ideas that have conditioned the various systems of education, ancient and modern. Open only to seniors and graduates. Three hours, second half-year. M. 12, W. 12, F. 12. Professor Doster.

11. **Methods of Teaching Biology in the High Schools**—Open to seniors in the school of education. One hour. Professor Graham.

12. **Methods of Teaching Chemistry in the High Schools**—Open to seniors in the school of education. One hour. Professor Lloyd.

13. **Methods of Teaching High School English**—Lectures, discussions, practice work. Elective to seniors in school of education. One hour. Professor Barnwell.

14. **Methods of Teaching German in the High Schools**—Open to seniors in the school of education. One hour. Professor Foster.

15. **The Teaching of History**—This course is designed for those students who are preparing themselves for the teacher's profession. It will discuss courses of study and text-books in elementary and secondary schools; the use of other materials than text-books; methods of instruction; historical works for school libraries, etc. Open only to seniors in the school of education. One hour. Professor McCorvey.

16. **The Teaching of Latin**—Open only to seniors in the school of education. One hour. Professor Saffold.

17. **The Teaching of Mathematics**—A course treating of the problems of the teacher of mathematics in the high school. Open to seniors upon the approval of the school of education. One hour. Professor Sayre.

18. **The Teaching of Physics**—Two hours a week for one half-year will be devoted to a study of methods, choice of

laboratory exercises, critical review of text-books, the buying and making of apparatus for equipping and maintaining lecture table and laboratory. Open only to seniors in the school of education. Professor Wittig.

## PSYCHOLOGY

1. **General Psychology**—A course in descriptive and experimental psychology, confined chiefly to those fundamental psychic processes represented in all our thinking and behavior. The course will consist of lectures, text-book work, and simple experiments. Open to sophomores, juniors, and seniors. Three hours, first half-year. Tu. 10, Th. 10, S. 10. Professor Cooper.

2. **Educational Psychology**—The purpose of this course is to consider carefully and critically the laws of mental life in their relation to the work of teaching and managing children and young people. Open to those who have had the course in psychology 1 or its equivalent, and who are looking forward to the work of teaching. Lectures and assigned readings. Three hours, second half-year. Tu. 10, Th. 10, S. 10. Professor Cooper.

3. **Genetic Psychology**—(a) A comparative study of the animal mind with special reference to the development of the mind of the child. (b) A study of the adolescent period. Open to qualified seniors. Two hours. Th. 2-4. Professor Doster.

4. **Tests and Measurements**—In this course tests will be given to determine the physiological and psychological ages of children. Each week the class, accompanied by the professor, will visit the elementary schools of Tuscaloosa for the purpose of making practical applications of these tests. Special attention will be given to the Binet-Simon scale for measuring intelligence. Open to seniors and graduates. Two hours, first half-year. M. 2, F. 2. Professor Cooper.

## PHILOSOPHY

1. **History of Philosophy**—The aim of this course is to acquaint the student with the fundamental conceptions of philosophy, and with the repeated efforts made by man to arrive at a conception of the universe and thus to interpret his own life. Beginning with a brief introduction to philosophy

the subject is taught in close connection with the history of culture, both ancient and modern, by means of lectures and text-books. Elective to juniors and seniors. Three hours, first half-year. M. 11, W. 11, F. 11. Professor Cooper.

2. **Logic**—An elementary course in deductive and inductive logic designed to acquaint students with the fundamental laws of thought, and at the same time to aid in the formation of habits of clear thinking and logical expression. Elective to sophomores, juniors, and seniors. Three hours, second half-year. M. 3, W. 3, F. 3. Professor Cooper.

3. **Ethics**—A brief course in ethics designed to direct the attention of students to the science of the ideal in human life and behavior, and its practical relation to life. Lectures, reports, and recitations. Elective to juniors and seniors. Three hours, second half-year. M. 11, W. 11, F. 11. Professor Cooper.

### UNIVERSITY SUMMER SCHOOL

Under financial provisions made by special enactment of the legislature of Alabama in 1903, a summer school for teachers is annually conducted at the University of Alabama. This summer school begins each year shortly after the close of the regular session and continues for six weeks.

# College of Engineering

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.,  
President.

GEORGE JACOB DAVIS, Jr., C. E.,  
Dean.

## FACULTY

### OFFICERS OF INSTRUCTION IN COLLEGE OF ENGINEERING

HAROLD B. LITCHMAN, S. B.,  
Professor of Mining Engineering.

GUSTAV WITTIG, E. E.,  
Professor of Physics and Electrical Engineering.

STEWART J. LLOYD, M. Sc., Ph. D.,  
Professor of Chemistry and Metallurgy.

SHALER C. HOUSER, C. E.,  
Professor of Engineering.

GEORGE JACOB DAVIS, Jr., C. E.,  
Professor of Civil Engineering.

JOHN M. GALLALEE, M. E.,  
Professor of Mechanical Engineering.

GUY E. WHITMAN, B. S.,  
Instructor in Physics and Electrical Engineering.

JOHN K. WOOLF,  
Assistant in Civil Engineering.

S. O. PARK,  
Fellow and Assistant in Electrical Engineering.

C. C. BUSBEE,  
Assistant in Mechanical Engineering.

LEWIS M. SMITH,  
Assistant in Mechanical Engineering.

C. R. DICKINSON,  
T. D. JOHNSON,  
Assistants in Physics and Electrical Engineering.



OFFICERS OF INSTRUCTION FROM COLLEGE OF  
ARTS AND SCIENCES

HERBERT A. SAYRE, Ph. D.,  
Professor of Mathematics.

CHARLES H. BARNWELL, A. M., Ph. D.,  
Professor of English.

GEORGE G. BROWNELL, A. M., Ph. D.,  
Professor of Romance Languages.

EDWIN H. FOSTER, A. M.,  
Professor of German.

WILLIAM F. PROUTY, M. S., Ph. D.,  
Professor of Geology.

LEE BIDGOOD, A. M.,  
Professor of Economics.

FREDERICK G. STICKNEY, A. M.,  
Adjunct Professor of English.

JACK P. MONTGOMERY, A. M., Ph. D.,  
Adjunct Professor of Chemistry.

F. L. CARMICHAEL,  
Assistant Professor of Mathematics.

THOMAS J. LESLIE,  
Assistant in Mathematics.

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**GENERAL INFORMATION**

The college of engineering was founded in 1881 and has steadily developed into a complete polytechnic school which at present comprises the departments of chemical, civil, electrical, mechanical and mining engineering. Its courses are planned to supplement the instruction furnished by the better high schools with additional instruction in English and foreign languages; with thorough training in the fundamental sciences of mathematics, physics and chemistry, and with the application of the principles of the sciences to the design, construction and operation of engineering works. The mathematical and theoretical courses predominate in the earlier years, while a reasonable amount of specialization is allowed in the latter years.

Two-year courses designed to fit students for minor positions in the technical world are also offered by the college.

The location of the University in the mineral district of Alabama is especially fortunate for the engineering student. Extensive coal beds underlie the campus, and coal and iron mines, blast furnaces, foundries, saw mills, and other important manufacturing works are in operation within a ten-minutes' ride. Nearby also are deposits of building stones, clays, graphite, and lignite. No other school has so readily accessible the variety of mining operations, mineral products, and metallurgical and manufacturing plants. Three of the United States government locks and dams on the Warrior river near the campus are of instructional value, while the four railroads that enter the city afford civil engineering students numerous illustrations of railroad and bridge problems.

The mild and healthful climate makes it possible to conduct field courses at all times.

### BUILDINGS

The exceptional natural advantages of the college do not excel the completeness of the buildings, equipment and other facilities provided for engineering instruction.

#### COMER HALL

The engineering building, constructed in 1909, has been named Comer Hall in honor of Braxton Bragg Comer, ex-governor of the state of Alabama. This splendid edifice, finished on the exterior with light colored pressed brick and cut stone, and modern in every appointment, is designed to meet the growing demands of the college. The building has extreme dimensions 319 feet north and south and 235 feet east and west. The south wing and south portion of the main axis is devoted to physics and electrical engineering on the first floor, while the second floor of this part of the building, accommodates the engineering library, engineering dean's office, recitation rooms and drawing rooms for civil, electrical and mining engineering. The central portion of the building accommodates the power plant, including the boiler room, engine and dynamo room, heating and pumping machinery, and gas producer plant. The mining and metallurgical laboratories and concentrating plant for coal and ores, assay furnaces and machinery for gold mining and ceramics, occupy the entire west wing.

The north central portion is especially designed to accommodate heavy testing machinery, provision being made for

traveling overhead crane, while a standard gauge track connects the laboratory with the main line of the Alabama Great Southern, Louisville & Nashville, Mobile & Ohio, Warrior Southern, and Birmingham & Tuscaloosa railroads, thus permitting the heaviest test pieces to be handled direct from cars to testing machines. The first floor of the north wing contains the road testing and cement testing laboratories, wood shop, machine shop, transmission and power laboratory.

The second floor, north wing, accommodates the recitation rooms, drawing rooms, and professors' offices of the department of mechanical engineering. A large lecture room, especially fitted for stereopticon and projectoscope use, is provided on the second floor of the north central portion of the building. A printing room, storage and dark rooms are also provided on the second floor of the north wing.

#### FOUNDRY

The blacksmith shop and foundry of the department of mechanical engineering are housed in a brick building within 200 feet of the main building.

#### HYDRAULIC LABORATORY

The waters of University branch are utilized by the construction of a concrete dam and laboratory giving an effective head between water level of dam and tail race of 15 feet. The building is constructed of concrete and is 30 feet by 48 feet in dimensions.

#### LABORATORY EQUIPMENT

##### HYDRAULIC LABORATORY

The hydraulic laboratory contains a special Trump turbine with plate glass manhole covers and fitted in every respect as a high duty motor, a Rumsey triplex pump, a two stage centrifugal pump of 500 gallons per minute capacity, direct connected to a 40 h. p. d. c. motor, weirs, orifices, Pitot tubes, differential fluid gages, and apparatus for the study of the flow in pipes and open channels.

##### POWER PLANT AND SPECIAL LABORATORIES

The power plant located in the engineering building consists of a battery of water tube boilers of 300 horse power capacity, fitted with underfeed stokers and Burke furnace, and

one 250 horse power Erie City boiler, fitted with a Green chain stoker; one 35 horse power Fairbanks-Morse & Co. producer gas plant. The engine room contains one 160 horse power Reynolds Corliss engine, direct connected to a 125 K. W. Bullock 220 volt direct current generator; one automatic high speed engine belt connected to a Wesco d. c. generator; one 30 K. W. generator belt connected to a producer gas engine. This power plant furnishes light for all the campus buildings and grounds, and power for the various engineering laboratories and buildings for elevator and motor service.

#### LABORATORY FOR PHYSICAL TESTS

This laboratory, designed for the study and tests of iron, steel, wood, cements, and concretes, contains the following equipment: One 200,000 pounds capacity Olsen's latest improved universal testing machine of the four-screw type, automatic and autographic direct driven by variable speed direct current motor; one 30,000 pounds capacity universal testing machine with dial vernier beam direct driven by motor; one Olsen torsion testing machine of 60,000 pounds capacity with direct connected variable speed motor; one transverse testing machine with combined deflection instrument; one Olsen compression and extension micrometer; one cylindrical compression micrometer; one Olsen latest type wire testing machine of 10,000 pounds capacity, with dial vernier screw beam reading to full capacity of machine; one wire extensometer; one traction dynamometer of 5,000 pounds capacity; one absorption dynamometer; one 25 horse power Prony brake; one Purdue University impact machine.

#### CEMENT TESTING LABORATORY

This laboratory, designed for making standard tests of cements and plastic materials, has ample capacity for the accommodation of students, equipment, storage of materials and test pieces, conditions that do not usually obtain in laboratories of this kind. Besides the usual small appliances and special apparatus for specific gravity, absorption, shrinkage, void tests, etc., the laboratory contains one Olsen automatic motor drive tension and flexure machine of 2,000 pounds capacity; one 1,000 pounds capacity automatic shot testing machine; one impact testing machine for cement and macadam testing according to standard specifications of the American Society for Testing Materials; standard steaming apparatus; soapstone moist closets; special gang moulds, and the tools and appliances usual in this laboratory.



## ROAD MATERIALS LABORATORY

This laboratory, in connection with the physical and cement testing laboratories, the geological department of the University, and the state geological survey collections and equipment, is intended to afford every possible facility for the study of the road materials of Alabama and to furnish students with a research laboratory as well as instruction in the physical properties and usefulness of various kinds of road materials. The laboratory contains the following special testing machines: One Ballantine hardness tester; one three-gang abrasion cylinder of French type direct connected to d. c. motor; one abrasion cylinder, Olsen make, of latest standard type, motor driven direct connected, and one Riehle ball mill. The laboratory also contains a collection of various types of pavement and sidewalk materials and road metals.

## MINING ENGINEERING LABORATORY

The mining laboratory has a floor space of 100x50 feet, and is 30 feet to roof trusses. There is also a basement 50x50 feet, thus providing ample room for present and future needs.

The laboratory contains the ore concentrating plant, the assay laboratory, and provisions have been made for future installations along metallurgical and ceramic lines. Suitable apparatus for the analyses of products and for research work is provided.

The concentration plant is equipped for the testing and working of ores and coal on both small and commercial scales. It contains a Blake rock crusher; gear and belt-driven rolls; disintegrating screens; trommels; sizing screens; Pierce amalgamator; Hartz jig; New Century differential jigs; Bull jig; coal jig; New Century fast motion jig for fines; Wilfley No. 5 concentrating table; 6 ft. Allis-Chalmers suspended vanner; Richards vortex classifier; Callow tank, elevators, pumps, and other necessary apparatus for handling material to and from the various machines. By a system of cut-outs and launders it is possible to run the machines in a variety of combinations, allowing a great range of treatments to be given ores and coals, and as the machines are full size, and standard makes, results may be obtained directly applicable to commercial work. In addition to the full size machines, numerous model machines and apparatus are available for experimental work. The machinery is operated by motors, current being furnished by the central power plant.



Numerous blue prints, illustrating the design of concentrating plants, and ore dressing, and mining machinery, are also a part of the equipment.

#### ELECTRICAL ENGINEERING LABORATORY

The electrical engineering laboratory occupies a room having a floor space of 2,700 square feet on the ground floor of Comer Hall. It is adjacent to the main lecture room on one side and to the University power plant, from which current is obtained, on the other. The equipment consists of various pieces of direct and alternating current apparatus, sufficient to illustrate the working of practically every important type of electrical machinery in common use. For direct current this includes shunt motors, a variable speed interpole motor, a street railway or crane type series motor with drum controller and generators for alternating current, a one, two, and three phase rotary converter, an alternator, a variable speed induction motor, a self-starting single-phase motor, and a number of transformers. A supply of the most modern measuring instruments in a wide variety of sizes, with incidental equipment of rheostats, lamp-banks, brakes, and tachometers provides the students with all needed facilities for studying the performance and carrying on tests of electrical machinery under diverse conditions. A collection of types of lamps is being secured to illustrate this important branch of applied electricity. The laboratory has its own switchboard, so arranged that machines may be connected to the line or interconnected in any desired manner.

In addition the entire equipment of the power station, with three large engine-driven generators, two balancer sets and accessory appliances, is available for demonstration and experimental purposes.

On the first floor of Comer Hall, in conjunction with the electrical portion of the equipment of the physics department facilities are provided for accurate measurements of electrical quantities, the calibration and standardization of meters, and other experimental work not necessitating the use of heavy machinery.

#### STEAM ENGINEERING LABORATORY

The large units in the engine room of the power plant are used in connection with the smaller engines, pumps, compressors, etc., in this laboratory located on the first floor of the north wing of the engineering building. The laboratory is well

supplied with apparatus for tests and instructional purposes in steam engineering, such as indicators, gauges, gauge testers, recording gauges, hook gauges, draft gauges, speed counters, planimeters, calorimeters, pyrometers, injectors, a Thurston oil tester, a viscosimeter, and a complete line of steamfitters' and machinists' tools.

#### SHOPS

The equipment of the wood shop includes circular saw, band saw, jointer, trimmer, wood turning lathes, work benches, and a sufficient number of hand tools so that each student can have a complete set for his own use during his shop period.

All the shops of the mechanical department are run by d. c. motors and counter-shafts or by direct motor drives on the machines.

The machine shop contains engine lathes, planer, upright drill, shaper, milling machine, hoists, and a large collection of hand tools, benches, and lathes for student use.

#### SURVEYING EQUIPMENT

The college is well supplied with field equipment for the departments of civil and mining engineering, including appliances and instruments for making reconnaissance in topographical, hydrographical, and mining surveys, railroads, etc., such as mountain, solar, and mining transits; levels, plane tables, compasses, planimeters, pantographs, computing machines, recording thermometers, barometers, sextants, clinometers, telemeters, rods, tapes, etc.

#### MUSEUM OF THE COLLEGE OF ENGINEERING

The museum contains a collection of American photographs of engineering works, during the process of construction, blue prints and drawings showing the improvements of the rivers of the United States made by United States engineers; a large collection of governmental maps from the department of the United States coast and geodetic survey, United States army, and United States geological survey; a collection of Schroeder models in descriptive geometry and stereotomy; a collection of actual sections in iron and steel, such as rails, eye bars, tees, channels, rail joints, tie plates; a collection of road and street paving materials.

#### LIBRARY

In addition to the University library which is open to all students, the engineering library affords a substantial reference

and working library in all the fields of engineering. All the leading technical journals and magazines are on file.

### REQUIREMENTS FOR ADMISSION

The methods of and requirements for admission of regular and special students in the college of engineering are the same as those for admission to the B. S. course in the college of arts and sciences. (See page 48).

### REQUIREMENTS FOR GRADUATION

In order to receive the degree of bachelor of science from the college of engineering, a student must complete all the work specified in one of the various courses outlined, which amounts to from 145 to 147 half-year hours.

No degree is granted by the University to any student who has not spent at least one year in resident work.

### HONORS

In view of the satisfactory showing made by students who have entered Columbia University from the University of Alabama it has been decided to designate a fellowship in the school of mines, engineering and chemistry to this institution. This fellowship will carry a stipend of \$250 and will be available to graduates of the college of engineering of the University of Alabama who have given indication of marked ability and personality and who are worthy of representing the University of Alabama.

### FEES

A fee of \$4.50 a half-year is required of all freshmen, sophomores, and special students, including students in the college of arts and sciences, who take any of the laboratory, field or drawing courses. For juniors, seniors and graduates, the fee is \$7.50 a half-year. Any person doing special work in any of the laboratories will be charged a sum equal to the cost of the materials consumed.

### ENGINEERS' EMPLOYMENT BUREAU

The engineers' employment bureau is conducted by the engineers' club. It is composed of the dean of the college of engineering, *ex-officio*, a chairman elected by the club and a

student member from each department of the engineering college. Records of the personal characteristics and the scholarship of each student in the college are kept by the bureau as an aid in making intelligent recommendations. Efforts are made to find satisfactory positions during the summer for students and permanent positions for the graduates and the alumni.

### ENGINEERS' CLUB

The engineers' club plays an important part in the education of the students of the college of engineering, by affording opportunities for social intercourse, practice in public speaking, and experience in organization and administration. The membership of the club, which was organized February 18, 1913, now embraces a majority of the engineering students. The club occupies a commodious and well furnished room in Comer Hall. Addresses are made by the students or by special lecturers at the bi-weekly meetings which are followed by social sessions.

#### ALABAMA BRANCH, A. I. E. E.

The Alabama branch of the American Institute of electrical engineers endeavors to acquaint the electrical student with some of the practical problems of his profession too recent to be incorporated in his text-books. Technical papers are read and discussed at the monthly meetings, thus providing an excellent training for the student unaccustomed to speak in public.

### WIRELESS CLUB

The wireless club is an organization of engineering students interested in the study of radio-communication. At present the club is engaged in the construction of a 5 K. W. station by means of which it is intended to establish communication with land and ship stations on the Gulf of Mexico.

# Courses of Study and Degrees

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The college of engineering offers five systematic four-year courses leading to the B. S. degree.

Chemical Engineering.  
Civil and Highway Engineering.  
Electrical Engineering.  
Mechanical Engineering.  
Mining Engineering.

Students who complete any of the above four-year courses are graduated with the degree of bachelor of science, the diploma containing a specific designation of the course taken.

## GRADUATE WORK

**Master's Degree**—The degree of Master of Science may be conferred upon graduates of the engineering courses, in place of the professional degree, under the same requirements as apply to graduates of the college of arts and sciences.

**Professional Degrees**—The degrees of Chemical Engineer, Civil Engineer, Electrical Engineer, Mechanical Engineer, and Engineer of Mines are conferred as second degrees upon bachelors of science in the chemical, civil, electrical, mechanical and mining engineering courses respectively, (a) upon engineering graduates of approved institutions who pursue advanced professional study at the University for a period of not less than one year, or (b) upon graduates of the college of engineering of the University of Alabama who have spent three years in professional work, at least one of which must have been in a position of responsibility and who present a satisfactory thesis. Theses submitted by candidates for professional degrees should embody the results of original investigations or show the ability of the candidates to design and execute engineering works.

Candidates for professional degrees, under option (a), must elect from certain designated and approved courses work to the amount of 12 hours, 6 of which shall be chosen from the



following list of courses of major rank in the college of engineering. The remaining 6 hours may be chosen either from this list of courses or from the list of graduate courses in the college of arts and sciences, but at least three hours of the minor must be cognate with the major work. Additional requirements for graduate work are stated on page 74.

Courses of major rank in the college of engineering :

Chemical Engineering 3, 6, 7, 8, 11, 12, 13.

Civil Engineering 6, 7, 8, 9a, 15, 16, 17, 21, 22.

Electrical Engineering 1, 3, 4, 21, 22, 24.

Engineering Jurisprudence 1.

Mechanical Engineering 4, 5, 6, 7, 8, 9, 12.

Mechanics 2, 5, 6, 7.

Mining Engineering 1, 2, 4, 5, 6, 8.

Surveying 2, 3, 4.

#### DEPARTMENT OF CHEMICAL ENGINEERING

The purpose of the course in chemical engineering is to provide such instruction in the various branches of chemistry as will enable the graduate to do effective and intelligent work in the development of the numerous and growing chemical and metallurgical industries, such as the manufacture of cements, sulphuric acid, sugar, starch, of iron and steel and other metallurgical products, and of coke, charcoal, etc., with their by-products. It must be emphasized that although thorough training in analytical chemistry is given, the purpose of the course is not to turn out men who are analysts only, but who can design and oversee the erection of new buildings, and direct the installation and use of machinery. Hence the course of study combines a considerable amount of pure engineering with the maximum amount of chemical training which can be attained in the time allowed.

The course has also in view the requirements of those intending to devote themselves to the study of water supply and its purification, and to the related subject of sewage treatment, two problems of growing importance.

## CHEMICAL ENGINEERING COURSE

A four-year course leading to the B. S. degree.

## FRESHMAN YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Foreign Language.....	French 1	3	3
	German 1, or		
	Latin 1		
	Spanish 1		
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 1, 3	2	2
General Inorganic Chemistry.....	Chemistry 1	4	4
Elementary Surveying.....	Surveying 1	2	2
		20	20

## SOPHOMORE YEAR

Analytic Geometry.....	Math. 4	4	3
Mineralogy.....	Geology 1	3	3
Analytic Physics .....	Physics 2	4	4
Descriptive Geometry.....	Drawing 5	3	3
Advanced Inorganic Chemistry.....	Chemistry 2	4	4
Quantitative Analysis.....	Chemistry 3	.....	3
		18	20

## JUNIOR YEAR

Calculus.....	Math. 5	4	4
Engineering Geology.....	Geology 3	3	3
Statics, Dynamics.....	Mech. 1, 4	.....	5
Steam and Other Engines.....	M. E. 5	3	.....
Quantitative Analysis.....	Chemistry 3	3	.....
Electrical Machinery.....	E. E. 1	4	4
Electrical Laboratory.....	E. E. 4	1½	1½
		18½	17½

CHEMICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
General Geology.....	Geology 2		4
Organic Chemistry.....	Chemistry 4	4	4
Technical Chemistry.....	Ch. E. 5	2	2
Physical Chemistry.....	Chemistry 11	3	
Electro-Chemistry.....	Ch. E. 13		3
Engineering Jurisprudence.....	Eng. Jur. 1	2	
Elementary Economics.....	Economics 1	3	3
Hydraulics.....	Mechanics 7	2	
		19	19

## DEPARTMENT OF CIVIL AND HIGHWAY ENGINEERING

The instruction in civil engineering is designed to impart to the student a broad grounding in the principles underlying a practical working knowledge of all engineering and to train him in the essential subjects which will enable him, after acquiring a due amount of experience, to plan and execute structures and works of the kind usually committed to civil engineers, such as steel and masonry bridges and buildings, railway structures, hydraulic, sanitary and municipal works, and topographical and geodetic surveys; and to develop the executive ability necessary for the successful management of large industrial enterprises and of the construction of large government, corporation and public works.

## HIGHWAY ENGINEERING

Universal interest in the subject of good roads has created a demand for men trained in the arts of road location, construction and maintenance. To fulfill this demand the subjects of road location and construction, paving materials, and pavement construction and the design of highway culverts and bridges have been incorporated in the four-year civil engineering course.

## CIVIL AND HIGHWAY ENGINEERING COURSE

A four-year course leading to the B. S. degree.

## FRESHMAN YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Foreign Language.....	French 1	3	3
	German 1, or		
	Latin 1		
	Spanish 1		
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 1, 3	2	2
Elementary Surveying.....	Surveying 1	2	2
		19	19

## SOPHOMORE YEAR

Analytic Geometry.....	Math 4.	4	3
Analytic Physics.....	Physics 2	4	4
General Inorganic Chemistry.....	Chemistry 1	4	4
Descriptive Geometry.....	Drawing 5	3	3
Topographical Drawing.....	Drawing 6	1	1
Advanced and Railway Surveying.....	Surv. 2, 3	3	3
Roads and Pavements.....	C. E. 17		2
		19	20

## JUNIOR YEAR

Calculus.....	Math. 5	4	4
Engineering Geology.....	Geology 3	3	3
Statics, Dynamics.....	Mech. 1, 4		5
Railroad Engineering.....	C. E. 6, 7	3	3
Steam and Other Engines.....	M. E. 5	3	
Electrical Machinery.....	E. E. 1	4	4
Electrical Laboratory.....	E. E. 4	1½	
		18½	19

CIVIL AND HIGHWAY ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
Strength of Materials.....	Mech. 2	5	
Materials of Construction.....	Mech. 5, 6	2	2
Hydraulics, Hydrometry.....	Mech. 7, 9	2	1
Theory of Structures, Details.....	C. E. 8, 9a	4	2
Municipal Engineering.....	C. E. 16		3
Water Power Engineering.....	C. E. 15		3
Masonry.....	C. E. 21		2
Reinforced Concrete.....	C. E. 22		2
Engineering Jurisprudence.....	Eng. Jur. 1	2	
Elementary Economics.....	Economics 1	3	3
		18	18

## DEPARTMENT OF ELECTRICAL ENGINEERING

It is the purpose of this department to offer that theoretical and practical instruction which is necessary for the professional electrical engineer, giving the student scientific training that shall enable him to participate successfully in the rapid developments in applied electricity now going on in the South, as shown by the increasing utilization of water power and the employment of electrical energy in the industries.

Instruction is by lecture, recitation, and conference, together with shop, laboratory, and design practice, particular emphasis being laid on the individual examination, operation, and test of commercial electrical apparatus and machinery, and the preparation therefrom of descriptive reports.



**ELECTRICAL ENGINEERING COURSE**

A four-year course leading to the B. S. degree

**FRESHMAN YEAR**

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Foreign Language.....	French 1	3	3
	German 1, or		
	Latin 1		
	Spanish 1		
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 2, 4	2	2
Elementary Surveying.....	Surveying 1	2	2
		19	19

**SOPHOMORE YEAR**

Analytic Geometry.....	Math. 4	4	3
Analytic Physics.....	Physics 2	4	4
General Inorganic Chemistry.....	Chemistry 1	4	4
Descriptive Geometry.....	Drawing 5	3	3
Freehand Sketching.....	Drawing 8		2
Shopwork.....	M. E. 2, 3	3	3
		18	19

**JUNIOR YEAR**

Calculus.....	Math. 5	4	4
Statics, Dynamics.....	Mech. 1, 4		5
Electrical Machinery.....	E. E. 1	4	4
Electrical Laboratory.....	E. E. 4	1½	1½
Mechanism, Machine Design and Steam Boilers.....	M. E. 4	4	4
Steam and Other Engines.....	M. E. 5	3	
Mechanical Laboratory Practice.....	M. E. 6	2	
		18½	18½

ELECTRICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
Strength of Materials.....	Mech. 2	5	
Materials of Construction.....	Mech. 6		2
Hydraulics.....	Mechanics 7	2	
Alternating Currents.....	E. E. 21	4	
Electrical Power Applications.....	E. E. 22		4
Electrical Design.....	E. E. 3	2	2
Electrical Laboratory.....	E. E. 24	1½	1½
Electrical Measurements.....	Physics 4	2	
Power Plants.....	M. E. 9		3
Water Power Engineering.....	C. E. 15		3
Elementary Economics.....	Economics 1	3	3
		17½	18½

## DEPARTMENT OF MECHANICAL ENGINEERING

The courses offered are intended to give the student a general acquaintance with the principles of mechanical engineering. The practical work is planned to provide such training as will enable him to superintend the design, construction, and erection of machinery, and to solve the mechanical problems of transportation and public service; and also, to prepare such students as desire to go from college into the manufacturing business, with a practical knowledge of machinery, methods of shop management, and the economic problems that enter into all manufacturing enterprises.

**MECHANICAL ENGINEERING COURSE**

A four-year course leading to the B. S. degree.

**FRESHMAN YEAR**

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Foreign Language.....	French 1	3	3
	German 1, or		
	Latin 1		
	Spanish 1		
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 2, 4	2	2
Elementary Surveying.....	Surveying 1	2	2
		19	19

**SOPHOMORE YEAR**

Analytic Geometry.....	Math. 4	4	3
Analytic Physics.....	Physics 2	4	4
General Inorganic Chemistry.....	Chemistry 1	4	4
Descriptive Geometry.....	Drawing 5	3	3
Freehand Sketching.....	Drawing 8		2
Shop Practice.....	M. E. 2, 3	3	3
		18	19

**JUNIOR YEAR**

Calculus.....	Math. 5	4	4
Statics, Dynamics.....	Mech. 1, 4		5
Electrical Machinery.....	E. E. 1	4	4
Electrical Laboratory.....	E. E. 4	1.5	1.5
Mechanism, Machine Design and Steam Boilers.....	M. E. 4	4	4
Steam and Other Engines.....	M. E. 5	3	
Mechanical Laboratory Practice.....	M. E. 6	2	
		18.5	18.5

MECHANICAL ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
Strength of Materials.....	Mech. 2	5	
Materials of Construction.....	Mech. 6		2
Hydraulics, Hydrometry.....	Mech. 7, 9	2	1
Water Power Engineering.....	C. E. 15		3
Theory of Structures.....	C. E. 8	4	
Steam Engines and Steam Turbines.....	M. E. 7	3	
Power Laboratory Practice.....	M. E. 8		3
Power Plants.....	M. E. 9		3
Gas Engines, Air Compressors, Refrigeration.....	M. E. 12		3
Engineering Jurisprudence.....	Eng. Jur. 1	2	
Elementary Economics.....	Economics 1	3	3
		19	18

## DEPARTMENT OF MINING ENGINEERING

The course in mining engineering is designed to train the student to prospect; to distinguish and classify the useful minerals and rocks; to understand the geological principles that govern the formation and association of useful mineral products and to estimate their values; to study ores, coals, clays, oils, limes, gems, and fuels; to make surveys in mines and surface surveys and to study their relation; to make maps; to design mining, milling, and power plants; to study the laws of ventilation in mines; electricity and hydraulics as applied to mining engineering; to solve practical problems arising in actual mining work, and to assume places of responsibility and importance in the great development of the mineral resources of the country, and in the management of the great manufacturing industries.

**MINING ENGINEERING COURSE**

A four-year course leading to the B. S. degree.

**FRESHMAN YEAR**

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Foreign Language.....	French 1	3	3
	German 1, or		
	Latin 1		
	Spanish 1		
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 1, 3	2	2
Elementary Surveying.....	Surveying 1	2	2
		19	19

**SOPHOMORE YEAR**

Analytic Geometry.....	Math. 4	4	3
Analytic Physics.....	Physics 2	4	4
General Inorganic Chemistry.....	Chemistry 1	4	4
Mineralogy.....	Geology 1	3	3
Descriptive Geometry.....	Drawing 5	3	3
Topographical Drawing.....	Drawing 6	1	1
Mining.....	Mining 1		2
		19	20

**JUNIOR YEAR**

Calculus.....	Math. 5	4	4
Engineering Geology.....	Geology 3	3	3
Qualitative Analysis.....	Chemistry 2	4	
Quantitative Analysis.....	Chemistry 3		3
Statics, Dynamics.....	Mech. 1, 4		5
Mining.....	Mining 2	2	3
Coal Mining and Mine Plant.....	Mining 3*	3	
Mine Surveying.....	Surveying 4	1	
Technical Abstracts.....	Mining 7	2	
		19	18

\*Not given in 1916. Alternates with Geology 4.



MINING ENGINEERING COURSE (*Continued*)

## SENIOR YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
Strength of Materials.....	Mech. 2	5	.....
Materials of Construction.....	Mech. 5, 6	2	2
Structural and General Geology.....	Geology 4, 2	3	4
Quantitative Analysis.....	Chemistry 3	3	.....
Mine Management and Accounts.....	Mining 4	.....	3
Ore Dressing.....	Mining 5	3	.....
Theoretical Ore Dressing.....	Mining 6	.....	3
Assaying.....	Ch. E. 8	.....	3
Elementary Economics.....	Economics 1	3	.....
		19	18

## TWO-YEAR TECHNICAL COURSES

Short courses are provided for those who can devote only a limited time to study, and who desire the greatest amount of directly useful knowledge that can be acquired in the brief time allowed. The courses extend over two full college years and embrace all of the studies of the first year of the engineering courses, with the exception of foreign language, and also a number of the applied engineering subjects. The courses do not give the student the training necessary to design structures or works, and those who can devote the necessary time are urged to get the complete training given in the four-year engineering courses.

## CIVIL GROUP

## ROAD BUILDING, SURVEYING AND DRAFTING

This group of studies is planned to prepare the student for such technical positions as structural and topographical draftsman, land, city, topographical and railroad surveyor; superintendent of road and pavement construction, etc.

## FRESHMAN YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 1, 3	2	2
Elementary Surveying.....	Surveying 1	2	2
Engineering Geology.....	Geology 3	3	3
		19	19

## SOPHOMORE YEAR

Analytic Geometry.....	Math. 4	4	3
Advanced and Railroad Surveying.....	Surveying 2, 3	3	3
Topographical Drawing.....	Drawing 6	1	1
Steam and Other Engines.....	M. E. 5	3	
Analytical Physics.....	Physics 2	4	4
Roads and Pavements.....	C. E. 17		2
Mining.....	Mining 1		2
Elementary Economics.....	Economics 1	3	3
		18	18

## ELECTRICAL GROUP

This group of studies is designed to fit men for such positions as power plant assistant, mill electrician, etc.

## FRESHMAN YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 2, 4	2	2
Elementary Surveying.....	Surveying 1	2	2
Shopwork.....	M. E. 2, 3	3	3
		19	19

ELECTRICAL GROUP (*Continued*)

## SOPHOMORE YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
Analytical Geometry.....	Math. 4	4	3
Analytical Physics.....	Physics 2	4	4
General Inorganic Chemistry.....	Chemistry 1	4	4
Electrical Machinery.....	E. E. 1	4	4
Electrical Laboratory.....	E. E. 4	1½	1½
Steam and Other Engines.....	M. E. 5	3	
Freehand Sketching.....	Drawing 8		2
		20½	18½

## MECHANICAL GROUP

This group of studies is designed to fit men for such positions as engineering draftsman, assistant shop foreman, power plant attendant, etc.

## FRESHMAN YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 2, 4	2	2
Elementary Surveying.....	Surveying 1	2	2
Shop Work.....	M. E. 2, 3	3	3
		19	19

## SOPHOMORE YEAR

Analytic Geometry.....	Math. 4	4	3
Analytic Physics.....	Physics 2	4	4
Mechanism, Machine Design and Steam Boilers.....	M. E. 4	4	4
Steam and Other Engines.....	M. E. 5	3	
Electrical Machinery.....	E. E. 1	4	4
Freehand Sketching.....	Drawing 8	1	2
		19	17

## MINING GROUP

This group of studies is designed to fit men for such positions as mine and quarry superintendent.

## FRESHMAN YEAR

Subject	Number of Course	Hours Credit	
		First Half Yr.	Second Half Yr.
English Composition.....	English 1	3	3
Algebra, Trigonometry.....	Math. 1E, 2E	5	5
Elementary Physics.....	Physics 1	4	4
Elementary Drawing.....	Drawing 1, 3	2	2
Elementary Surveying.....	Surveying 1	2	2
Engineering Geology.....	Geology 3	3	3
		19	17

## SOPHOMORE YEAR

Analytic Geometry.....	Math. 6	4	3
Mine Surveying.....	Surveying 4	1	
Topographical Drawing.....	Drawing 6	1	1
Analytic Physics.....	Physics 2	4	4
Mining.....	Mining 1		2
Mining.....	Mining 2	2	3
Coal Mining and Mine Plant.....	Mining 3	3	
Mine Management and Accounts.....	Mining 4		3
Ore Dressing.....	Mining 5	3	
General Geology.....	Geology 2		4
		18	20

# Courses of Instruction

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## CHEMICAL ENGINEERING

PROFESSOR LLOYD

5. **Technical Chemistry**—A discussion of materials and processes employed in chemical industries; evaporators, filter presses; transference of corroding materials; designs of stills, etc. Two lectures.

6. **General Metallurgy**—Two lectures and one laboratory period.

7. **Metallurgy and Metallography of Iron and Steel**—Two lectures and one laboratory period, first half-year.

8. **Assaying**—Fire assay of gold, silver and platinum, and quantitative examination of metallurgical products. One double laboratory period, second half-year.

12. **Special Methods of Analysis**—Two laboratory periods.

13. **Electro-Chemistry**—Three lectures second half-year.

14. **Technical Reports**—One hour.

See also page 60.

## CIVIL ENGINEERING

PROFESSOR DAVIS  
PROFESSOR HOUSER

6. **Railroad Engineering 1**—A course describing the permanent way and discussing the principles governing the design of the grade line of a railroad. Lectures, recitations and drafting. Three hours credit. First half-year. Professor Houser.

7. **Railroad Engineering 2**—Economics of the location and construction of railroads. Location, construction and betterment surveys. Lectures, recitations, drafting and field practice. Prerequisite, surveying 3. Three hours credit. Second half-year. Professor Houser.



8. **Theory of Structures**—A study of graphical and algebraic methods of determining the stresses in simple structures of various kinds, principally roofs and bridges. First half-year. Four hours credit. Professor Davis.

9a. **Structural Details**—The designing of structural elements and of simple trusses in wood and steel. Prerequisite, mechanics 2 and C. E. 8. Second half-year. Two hours credit. Professor Davis.

15. **Water Power Engineering**—The theory, investigation and development of water powers. Lectures and recitations. Three hours credit. Second half-year. Professor Davis.

16. **Municipal Engineering**—The development of water supplies, the design of water works, sewerage systems and purification plants. Three hours credit. Second half-year. Professor Davis.

17. **Roads and Pavements**—The location of country roads, and the design, construction and maintenance of pavements. Two hours credit. First half-year. Professor Houser.

21. **Masonry**—A study of the materials and methods used in the design and construction of masonry structures and foundations. Two hours credit. Second half-year. Professor Davis.

22. **Reinforced Concrete**—Theory and practice of the design of reinforced concrete structures. Analysis and design of typical structures. Two hours credit. Second half-year. Professor Davis.

## DRAWING

PROFESSOR GALLALEE  
PROFESSOR LITCHMAN

1. **Elementary Drawing**—Orthographic projection, lettering and tracing. Two two-hour periods a week. Two hours credit. First half-year. Professor Litchman.

2. **Elementary Drawing**—Similar to course 1 but specially arranged for students in electrical and mechanical engineering. Two two-hour periods a week. Two hours credit. First half-year. Professor Litchman.

3. **Elementary Drawing**—Working drawings, blue-printing and elements of descriptive geometry. Two two-hour periods a week. Two hours credit. Second half-year. Professor Litchman.

4. **Elementary Drawing**—Similar to course 3 but specially arranged for students in electrical and mechanical engineering. Two two-hour periods a week. Two hours credit. Second half-year. Professor Litchman.

5. **Descriptive Geometry**—The representation of lines, planes, surfaces, and solids, and their relations, intersections, tangencies, and developments. One recitation and two drawing periods a week. Three hours credit. Entire year. Professor Litchman.

6. **Topographical Drawing**—Representaion of surface forms by contours and by shading with pencil, pen and colors. Topographical symbols, copying, enlarging and reducing maps. One drawing period a week. One hour credit. Entire year. Prerequisite, courses 1 or 2, and surveying 1. Professor Litchman.

8. **Free-Hand Sketching** — Free-hand dimensional drawing of machine parts and complete machines. Two hours, second half-year. Professor Gallalee.

## ENGINEERING JURISPRUDENCE

PROFESSOR HOUSER

1. An elementary course in the law of contracts and other law subjects requisite to the successful practice of engineering. This course includes the preparation of engineering specifications. Two hours credit. First half-year.

## ELECTRICAL ENGINEERING

PROFESSOR WITTIG

INSTRUCTOR WHITMAN

MR. JOHNSTON

E. E. 1. **Electrical Machinery**—Introductory study of operation, use and control of direct and alternating current machinery, instruments and other appliances. Four hours. Entire year. Prerequisite, Physics 2. Professor Wittig.

E. E. 3. **Electric Design**—Direct and alternating current appliances, such as switching and heating devices, electromagnets, rheostats, dynamos. Calculations and drawing four hours a week. Two hours credit. Entire year. Professor Wittig.

**E. E. 4. Electrical Engineering Laboratory Practice**—Operation and the simpler kinds of tests of various types of generators, motors, meters, transformers, lighting and other devices: written reports of all tests, to give practice in technical writing, including presentation of data in graphical form. Three hours a week. One and one-half hours credit. Entire year. Parallel or prerequisite, E. E. 1. Professor Wittig.

**E. E. 21. Alternating Currents**—Theory of alternating current circuits, including vector analysis, and application of theory to the performance of alternators, transformers, induction motors and convertors. Four hours. First half-year. Prerequisites, E. E. 1 and calculus. Instructor Whitman.

**E. E. 22. Electric Power Applications**—A continuation of E. E. 21. Power generation, transmission, and utilization, with as much attention as time will permit to the broader economic aspects of questions involved. Prerequisites, E. E. 21. Four hours. Second half-year. Instructor Whitman.

**E. E. 24. Electrical Engineering Laboratory Practice**—Senior course. Continuation and development of E. E. 4. Three hours a week. Experiments and reports. One and one-half hours credit. Entire year. Prerequisite, E. E. 4; parallel, E. E. 21. Professor Wittig.

## MECHANICAL ENGINEERING

PROFESSOR GALLALEE

MR. MILLER

MR. SMITH

**M. E. 2. Wood Shop and Foundry Practice**—Use of wood working tools, joinery, wood turning, pattern making, moulding, cupola practice. Three hours credit. First half-year. Professor Gallalee, Mr. Miller, Mr. Smith.

**M. E. 3. Machine and Forge Shop Practice**—Use of hand and power machine tools, making machine parts. Forging, hardening, tempering, welding. Three hours credit. Second half-year. Professor Gallalee, Mr. Miller, Mr. Smith.

**M. E. 4. Mechanism, Machine Design and Steam Boilers**—Kinematics and geometry of machinery, methods of transmitting motion, gears, belts, linkages, cams, etc. Materials of machines, structural design of machine parts and of complete machines. Designing, making, managing and caring for boilers. Four hours credit. First and second half-year. Professor Gallalee.

**M. E. 5. Steam and Other Engines**—Explanation of the elementary principles of science applicable to heat engines, description of the constructional details of typical engines and boilers. Three hours credit. First half-year. Professor Gallalee.

**M. E. 6. Mechanical Laboratory Practice**—Calibration of instruments, tests with transmission and absorption dynamometers. Reports of tests. Two hours credit. First half-year. Professor Gallalee.

**M. E. 7. Steam Engines and Steam Turbines**—An explanation of three branches of the subject which are of fundamental importance to a sound knowledge of steam-engine and steam-turbine design and management. Prerequisite, M. E. 5. Three hours credit. First half-year. Professor Gallalee.

**M. E. 8. Power Laboratory Practice**—Valve setting, calorimetry, engine and boiler tests, use of power plant equipment. Six hours; three hours credit. Second half-year. Professor Gallalee.

**M. E. 9. Power Plants**—General layout of power plants, conditions governing choice of prime movers, relative cost of installation and maintenance, efficiency, cost of power. Prerequisite, M. E. 5. Three hours credit. Second half-year. Professor Gallalee.

**M. E. 12. Gas Engines, Air Compressors, Refrigeration**—A study of the theory, design, and construction of gas engines and producers, air compressors, and refrigerating machinery. Prerequisite, M. E. 7. Three hours credit. Second half-year. Professor Gallalee.

## MECHANICS

PROFESSOR DAVIS

PROFESSOR GALLALEE

PROFESSOR LITCHMAN

**1. Statics**—Composition, resolution and equilibrium of forces, center of gravity, etc., treated, as are the following courses, with special reference to the requirements of engineers. Five recitations a week, first ten weeks of second half-year. Three hours credit. Prerequisite, physics 2 and mathematics 5. Professor Gallalee.

**2. Strength of Materials**—Prerequisite course 1. First half-year. Five hours credit. Professor Litchman.



4. **Dynamics**—Prerequisite course 1. Last eight weeks of second half-year. Two hours credit. Professor Gallalee.

5. **Materials of Construction**—The testing of cements and the fabrication and testing of concrete. Four hours a week. Two hours credit. First half-year. Professor Davis.

6. **Materials of Construction**—A laboratory course in the testing of wood, stone, steel, and other building materials. Four hours a week. Two hours credit. Second half-year. Prerequisite, course 2. Professor Litchman.

7. **Hydraulics**—The elementary principles of the mechanics of fluids. Two hours credit. Prerequisite, courses 1 and 4. First half-year. Professor Davis.

8. **Hydrometry**—The theory, calibration and use of instruments for hydraulic measurements. One laboratory period a week. One hour credit. Prerequisite, course 7. Second half-year. Professor Davis.

## MINING ENGINEERING

PROFESSOR LITCHMAN

1. **Mining**—This course includes lectures on prospecting, drilling, blasting, boring, tunneling, shaft-sinking, etc. Instruction is by lectures, use of models, and occasional laboratory exercises. One hour a week.

2. **Mining**—This course is a continuation of mining 1, and includes lectures on mining methods, timbering, haulage, hoisting, drainage, ventilation, lighting, accident, hygiene and sociology as related to mining. A short course in the fundamentals of mining law, and also courses in elementary hydraulics and in placer and hydraulic mining are included. Two hours credit, first half-year. Three hours credit, second half-year.

3. **Coal Mining and Mine Plant**—This is a course of lectures on the mining, development and operation of coal, oil, and gas properties. The course must be preceded by Min. 1 and Min. 2, or equivalent. Lectures, three hours a week, first half-year, with visits to nearby mines.

4. **Mine Management and Accounts**—This course is planned to give the student an idea of the principles of management of mining enterprises, and reviews methods of organization and accounting, and presents economic problems in connection with mine management. The practice of examination



and reporting is reviewed. Lectures and recitations, three hours a week, second half-year.

5. **Ore Dressing**—This course presents the principles, methods, and mechanical appliances in use today for crushing, classifying, and concentrating the more important ores, and the washing of coals. Lectures, recitations and laboratory, three hours a week, first half-year.

6. **Theoretical Ore Dressing**—This course is a continuation of Min. 5, and includes a study of the theory of ore dressing. Three hours a week, second half-year.

7. **Technical Abstracts and Technical Problems**—The student is required to do considerable technical reading, and prepare abstracts of articles appearing in the technical press. Articles are assigned for a weekly conference. Practice is given the student in concisely describing professional subjects, and also in solving problems of common occurrence. Lectures, conferences, and laboratory. Two hours credit. Second half-year.

## SURVEYING

PROFESSOR DAVIS

PROFESSOR HOUSER

PROFESSOR LITCHMAN

MR. WOOLF

1. **Elementary Surveying**—The adjustment and use of the compass, level, transit and minor surveying instruments. Plane surveying and leveling. Two hours credit each half-year. Professor Davis, Mr. Woolf.

2. **Advanced Surveying**—Stadia surveying. Measurement and calculation of areas and volumes. Determination of meridian and latitude. City surveying methods. Three hours credit. First half-year. Professor Davis.

3. **Railroad Surveying**—An elementary course in railroad surveying covering curves, turnouts, "Y" tracks, crossings, earthwork, etc. Recitations and field practice. Three hours credit. Second half-year. Professor Houser.

4. **Mine Surveying**—Field and office work for an underground survey. Prerequisite course 1. One hour credit. First half-year. Professor Litchman.

# School of Law

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.,  
President.

ALBERT J. FARRAH, A. M., LL. B.,  
Dean.

## FACULTY

ALBERT J. FARRAH, A. M., LL. B.,  
Professor of Law.

EDMUND C. DICKINSON, A. B., J. D.,  
Professor of Law.

THOMAS B. WARD, A. B., LL. B.,  
Adjunct Professor of Law.

JAMES E. MORRISETTE, A. B., LL. B.,  
Adjunct Professor of Law.

## HISTORICAL STATEMENT

The school of law of the University of Alabama was first opened in 1845, under the charge of Honorable Benjamin F. Porter. Work in it continued for one year only, when it was closed on account of lack of students. No further action was taken in the matter until 1872, when the present school was organized through the efforts of Honorable Henderson M. Somerville, who was placed in charge of the course of instruction. The course of study at that time covered a period of one year only, and no special academic training was required for admission. In 1897 the course of study was extended to two years. Since 1908 the requirements for admission to the school of law have been the same as in the college of arts and sciences. It is planned to extend the law course to three years in the near future.

It is the purpose of the school of law to prepare its students to practice their profession, and it does this by means of the practical instruction and training it gives them in general legal principles and the art of legal practice. While the

basis of the instruction is the general principles of English and American jurisprudence, particular stress is placed upon the statutory changes and judicial modifications that have been made to the common law in Alabama. This course is pursued in many of the subjects in the curriculum, but it is especially emphasized in pleading, evidence, real property and domestic relations. It is the aim of the law faculty to give such training and instruction as will fit young men for the active duties of the office and the court room, and, at the same time, to impress upon them, in the lecture rooms and in private, an exalted idea of the ethics of the profession, without which a knowledge of law is a danger to the individual and to the state.

The superior advantages to be derived from being educated in the state of the student's intended residence are too frequently overlooked, until learned in mature years, when too late. To no one does this truth apply with so much force as to the law student. The acquaintances formed and the friendships cemented by him during a University course pursued in his own state are capable of the most pleasant and profitable utilization.

### ADVANTAGES OF LAW SCHOOL OVER LAW OFFICE

Undoubtedly the great progress in legal education in the United States during the last quarter of a century is shown as much by the increase in numbers and efficiency of the American law schools as by any other means. In 1910 there were 108 law schools and 15,000 students, while in 1880 there were but 43 law schools and 3,000 students. These figures show the confidence of the bench and bar in law schools as an agency in legal education, because at least eighty per cent of those seeking admission to the bar each year are law school graduates. Moreover, it is patent to all that systematic instruction by experienced instructors will result in a more thorough and a more speedy preparation for the bar than can come by "reading law" in a modern law office. The benefits of practical experience by a student in a law office are great, but they are immeasurably increased if the office experience is preceded by a thorough course in the general principles of the law. Each year, in all law schools, an increasing number of students are taking up the study of law as a preparation for a business career, on account of the practical benefits of a knowledge of the law and the discipline gained by its study.

## EQUIPMENT

The school of law occupies the entire third floor of Morgan Hall. This gives it lecture rooms, a reading room, a library room, consultation rooms for students, and an office for the dean and other members of the faculty. The building was erected in 1911 and was named in memory of the late lamented John Tyler Morgan. It is heated by hot water and lighted by electricity.

## THE LAW LIBRARY

The law library occupies a large, well lighted, well ventilated and handsomely furnished room, which has on its walls fine oil portraits of Honorable Henderson M. Somerville, the founder of the present school, the late Chief Justice, Robert C. Brickell, and Honorable Thomas W. Coleman, a former Associate Justice of the Supreme Court of Alabama. It is hoped that portraits of all of the present and former members of this court may be obtained for the library in the near future.

Law books are the working tools of the practicing lawyer. To teach the student how to use these tools, how to use the digests, encyclopædias, and reports, is as much the proper work of a law school as to teach him the general principles of the law. All books in the library are accessible to all students during library hours, and their course is so arranged that they must become intimately acquainted with the library, the laboratory of the law school, in the performance of their daily work.

The law school is fortunate in possessing a fair working library of about 4,000 volumes, and has on its shelves the following books: Several copies of the Alabama State Reports, Codes and Digests; The Lawyer's Reports Annotated, old and new series, with digests; two sets of American Decisions, American Reports and American State Reports, with digests; the English Ruling Cases; Ruling Case Law; two sets of United States Supreme Court Reports, Annotated Statutes digests and Rose's Notes on United States Reports; the Federal Reporter and Federal Cases; a large part of the reports of the National Reporter System; the American Digest System; some of the English Reports and many standard text-books and works of reference.

The late Honorable Henderson M. Somerville left by his will a complete set of the United States Circuit Court of Appeals Reports to the school.

**The James J. Garrett Library**—The law library was greatly enriched in 1914 by the generous gift of Honorable



James J. Garrett, of Birmingham, Alabama, of his complete private library consisting of more than 1,500 volumes. It is the purpose of the school of law to keep this library intact and to designate it and its continuation as the James J. Garrett Library.

### ADMISSION

All applicants for admission to the school of law as candidates for a degree must be at least nineteen years of age and must satisfy the general entrance requirements of the University, viz.: fourteen units of high school work. Of these fourteen units, three must be in English and two in mathematics; the other nine may be elected at will from the list of subjects on page 50. Admission may be obtained either by certificate from an affiliated school or by examination at the University. Conditions to the extent of two units are allowed as in the college of arts and sciences. For further information see page 48.

### ADMISSION TO ADVANCED STANDING

Applicants who have satisfactorily completed one year of resident work in a law school of good standing maintaining at least a two-year course will be given credit in this school for the subjects so completed, except common law pleading and evidence, upon presenting properly authenticated certificates of such work. But the degree will not be granted to any applicant who has not completed satisfactorily at least twelve hours of work during each of two half-years in this school. *Advanced standing will be given only to such applicants as meet the conditions above set forth.*

### ADMISSION OF SPECIAL STUDENTS

Applicants who are at least twenty-one years of age and who are unable to comply with the entrance requirements in their entirety, may matriculate in the school of law and pursue such courses as the dean of the school of law may consider them able to take to advantage. No such applicant, however, will be enrolled as a candidate for a degree, unless he has satisfied all preliminary requirements for admission to the University, and this not later than the opening of the academic year in which he is an applicant for a degree.

### ADVANTAGES OF LOCATION

The location of the University in Tuscaloosa, the county seat of Tuscaloosa County, affords the law students especial



opportunities to observe the procedure of the courts. The United States District Court holds at least two sessions each year at Tuscaloosa and the Tuscaloosa County Court, which has concurrent jurisdiction with the Circuit and Chancery Courts of the state, is in session during the entire school year. The Circuit and Chancery Courts hold two sessions each during the school year. The Municipal Court of Tuscaloosa and the Justice Courts of the city are open and in session constantly.

### **SPECIAL LECTURES**

In addition to the regular lectures of the school of law, special lectures are given from time to time by prominent members of the bench and bar. Legal ethics and various phases of the practice are thus considered. During the year just closed, the students in the school of law have been addressed by several members of the bench and bar of the state. A similar course of lectures will be arranged for the coming year.

### **DEBATING SOCIETIES**

It is important that those who study law with a view of becoming advocates should give attention to the subject of public speaking. It is a mistake to suppose that excellency in public speaking is simply a gift of nature, and not the result of patient and persistent labor and study.

The Junior Law Forum is a debating society organized and maintained among the law students. Questions of general and special interest to the students as future members of the legal profession are here discussed. An opportunity is also afforded for the study of parliamentary law and drill in parliamentary practice. While the membership and work in this society are limited to students in the school of law, the members of the faculty give all the assistance and encouragement to the work that is possible.

### **COMBINED COURSE IN ARTS AND LAW**

Seniors in the college of arts and sciences are permitted to elect, as part of the requirements for graduation in that college, courses from the first year's work in the school of law to an amount not exceeding ten hours. Special fees are charged for such courses, the amount of the fee being determined by the number of hours taken.

## UNIVERSITY PRIVILEGES

The advantages of the other departments of the University are open to such students in the school of law as desire and are able to utilize them. Courses in constitutional and political history, political economy, logic, and rhetoric are particularly recommended to law students. No extra charge is made for such courses.

## THE COURSE OF STUDY

The course of study in the school of law is a graded one and covers a period of two years of thirty-six weeks each, exclusive of vacations. The academic year is divided into two half-years of eighteen weeks each. The following is a description of the different subjects in the course, the time given to each and the text-books used:

### JUNIOR YEAR

#### FIRST HALF-YEAR

**Elementary Law**—This course involves a study of the elementary principles of the law. Text-book: Robinson's Elementary Law, New Edition. Three hours a week. Professor Dickinson.

**Contracts**—Nature of contract; offer and acceptance; form and consideration; capacity of parties; reality of consent; legality of object; operation, interpretation and discharge of contract; remedies for breach of contract; quasi contracts. Text-books: Clark on Contracts, Hufcut and Woodruff's Cases on Contracts and Civil Code of Alabama. Six hours a week. Professor Farrah.

**Torts**—History and definition; elements of torts; conflicting rights; parties to tort actions; remedies and damages; conflict of laws; method of discharge; false imprisonment; malicious prosecution and abuse of process; conspiracy; slander and libel; trespass; conversion; deceit; nuisance and negligence. Burdick on Torts, Burdick's Cases on Torts and Civil Code of Alabama. Four hours a week. Professor Dickinson.

**Criminal Law**—Nature of crime; common law and statutory offenses; mental elements in crime; insanity, intoxication, infancy, coercion, ignorance and mistake, as bearing on exemption from responsibility; necessity, justification, agency, consent, condemnation, and contributory acts; principals and

accessories; classification and study of particular crimes; former jeopardy. Text-books: Clark on Criminal Law, selected Alabama Cases and Criminal Code of Alabama. Two hours a week. Professor Ward.

#### SECOND HALF-YEAR

**Bailments and Carriers**—Nature and classification of bailments; rights and liabilities of parties; inn-keepers; liability, discrimination, compensation, and lien of carriers; duty of carriers of passengers to accept passengers; their accommodation, ticket, ejection and personal injuries; actions against carriers. Text-books: Goddard's Bailments and Carriers, Goddard's Cases on Bailments and Carriers and Code of Alabama. Two hours a week. Professor Dickinson.

**Domestic Relations**—This course considers thoroughly the law of husband and wife, parent and child, guardian and ward, infancy, persons *non compos mentis* and aliens. Text-books: Long's Domestic Relations, Cooley's Cases on Domestic Relations and Civil Code of Alabama. Two hours a week. Professor Ward.

**Sales**—Sale and contract to sell; statute of frauds; illegality; conditions and warranties; delivery, acceptance and receipt; vendor's lien; stoppage in transit; bills of lading; remedies of seller and buyer. Text-books: Tiffany on Sales and Cooley's Cases on Sales. Two hours a week. Professor Dickinson.

**Common Law Pleading**—Definition and classification of actions; proceedings in an action; analysis of the declaration; Stephen's rules of pleading. Text-books: Shipman's Common Law Pleading and Code of Alabama. Four hours a week. Professor Farrah.

**Equity Jurisprudence 1**—Origin and history of equity jurisprudence; general maxims of equity; equitable estates, interests and primary rights, including an exhaustive study of trusts and the rights, powers, duties and liabilities of trustees. Text-books: Fetter's Equity Jurisprudence and Throckmorton's Cases on Equity Jurisprudence. Two hours a week. Professor Farrah.

**Agency**—Definitions and distinctions; purposes for which the relation of agency may be created, and how; who may be principal and agent; evidence of the existence of the relation; ratification; delegation of authority by agent; termi-

nation; nature and extent, construction and execution of the authority; rights, duties and liabilities of agent, principal and third person, the one to the other; particular classes of agents. Text-books: Mechem's Outlines of Agency and Mechem's Cases on Agency. Two hours a week. Professor Dickinson.

**Criminal Procedure**—Apprehension of persons and property; preliminary examination; bail and commitment; mode of accusation; time of prosecution; nolle prosequi; pleading, proof and variance; motion to quash; arraignment; demurrer and pleas of defendant; trial and verdict; proceedings after verdict; evidence; habeas corpus. Text-books: Criminal Code of Alabama and selected Alabama Cases. One hour a week. Professor Ward.

## SENIOR YEAR

### FIRST HALF-YEAR

**Equity Jurisprudence 2**—Accident, mistake and fraud; the remedies of specific performance, injunction, rescission and cancellation; notice; bona-fide purchasers; equitable doctrines of estoppel, election, satisfaction, conversion and reconversion. Text-books: Fetter's Equity Jurisprudence and Throckmorton's Cases on Equity Jurisprudence. Two hours a week. Professor Farrah.

**Analysis of Cases and the Use of Law Books**—A course in analyzing statements of facts to ascertain the issues of law involved, and a study of the methods of using all classes of law books to locate authorities upon such issues. One hour a week. Professor Dickinson.

**Corporations**—The legal conception of a corporation; creation and citizenship of corporations; corporations de jure and de facto; powers of a corporation; stock subscriptions; rights of stockholders; rights and duties of directors; creditors of corporations, including their rights and remedies; promoters; dissolution. Text-books: Canfield and Wormser's Cases on Private Corporations; Civil Code of Alabama and selected Alabama Cases. Three hours a week. Professor Dickinson.

**Equity Pleading**—Nature and Object of pleading in equity; parties to a suit in equity; proceedings in a suit in equity; bills, disclaimers, demurrers and answers in a suit in equity. Text-book: Sims's Chancery Practice. Two hours a week. Professor Ward.



**Evidence**—Rules as to admission and exclusion of evidence; judicial notice; parol evidence rule; burden of proof and right to open and close; competency and examination of witnesses; production of documents, persons and things; direct examination, cross-examination and re-direct examination. Text-books: Reynolds's Theory of Evidence, Wigmore's Cases on Evidence and Civil Code of Alabama. Four hours a week. Professor Morrisette.

**Alabama Pleading and Practice**—In this course the pleading and practice at law prevailing in Alabama are carefully considered through an exhaustive study of the Civil Code of Alabama and the rules of practice laid down by statute and by the Supreme Court. Two hours a week. Professor Ward.

**Practice Court**—This course continues one hour a week throughout the year. Professor Ward and Professor Farrah.

**Damages**—General principles; different kinds of damages; pleading and practice; breach of contract for sale of goods; actions against carriers; death by wrongful act; wrongs affecting real property; damages in tort actions; breach of promise to marry. Text-book: Mechem and Gilbert's Cases on Damages. One hour a week. Professor Farrah.

#### SECOND HALF-YEAR

**Code of Alabama**—This course is designed to take up and consider in a regular and systematic way the statutory changes that have been made in the common law in Alabama in each subject in the curriculum of the law school. Two hours a week for the second half-year. Professor Morrisette.

**Partnership**—Definitions and classifications; what constitutes a partnership; contract of partnership; firm name and good will; capital of firm; partnership property; rights and liabilities of partners among themselves and as to third persons; actions; dissolution; limited partnerships. Text-books: Mechem's Elements of Partnership and Mechem's Cases on Partnership. Two hours a week. Professor Ward.

**Real Property**—In this course attention is given to the different estates in real property both corporeal and incorporeal, in possession or in expectancy, whether in fee, for life or for years, and remainders, executory limitations, dower and courtesy, as well as the modes of creating and transferring the different estates in real property. Liens on real property also receive careful attention. Text-books: Tiffany on Real Prop-



erty, the Civil Code of Alabama and selected Alabama Cases. Four hours a week. Professor Morrisette.

**Bills and Notes**—Law merchant; definitions and general doctrines; contract of the maker, acceptor, certifier, drawer, endorser, vendor, accommodator, assurer; proceedings before and after dishonor of negotiable instruments; absolute defenses; equities; payments; conflict of laws. Text-books: Ogden on Bills and Notes, Civil Code of Alabama and selected Alabama Cases. Two hours a week. Professor Dickinson.

**Federal Constitutional Law**—United States and the States; establishment and amendment of the constitution; construction and interpretation of the constitution; three departments of government; Federal jurisdiction; powers of Congress; establishment of republican form of government; executive, judicial and legislative powers of the States; police power; power of taxation; right of eminent domain; civil rights, and their protection by the constitution; political and public rights; constitutional guarantee in criminal cases; laws impairing the obligation of contracts; retroactive laws. Text-books: Putney's Constitutional Law and Boyd's Cases on Constitutional Law. Two hours a week. Professor Farrah.

**Wills and Administration**—Testamentary capacity and intent; wills distinguished from other dispositions of property; kinds of wills and testaments; execution, revocation, republication and revival of wills; grant and revocation of probate and of administration; payment of legacies and distributive shares. Text-books: Costigan's Cases on Wills, Civil Code of Alabama and selected Alabama Cases. Two hours a week. Professor Dickinson.

**Bankruptcy**—This course is designed to give a careful study of the Federal Bankruptcy Act of 1898 and amendments thereto and some leading cases construing the several bankruptcy statutes. Practical instruction in the conduct of proceedings in bankruptcy will be given. Text-book: Student's Remington on Bankruptcy. One hour a week. Professor Dickinson.

### THE PRACTICE COURT

Thoroughly organized practice courts are regular features of the course of instruction in the second year. Weekly sessions of the court will be held under the charge of some member of the faculty. The object of this course is to give the student practical instruction in pleading and practice at law and

equity, in Alabama, and experience in the preparation and trial of causes. The work is arranged as follows:

First—Cases arising upon prepared statements of fact are assigned to the senior students, upon which they are to determine what proceedings to bring and how to bring them. They are then to issue, serve and return the proper process and prepare the pleadings and bring the case to an issue. Each student must take part in one case at law and one in equity. A case is first heard on the sufficiency of the form and structure of the pleadings, and, when these are approved, the issue is tried and decided, the students acting as attorneys on each side, drawing the order, judgment or decree they deem themselves entitled to obtain.

Second—In the second class of cases in the practice court, actual controversies are arranged and assigned for trial as issues of fact. After determining what action to bring, the students assigned to the case are required to issue the proper process and prepare and file the necessary pleadings, subpoena the witnesses, select the jury, examine and cross-examine the witnesses and argue the case to the jury. Each student is required to participate in the trial of one civil or one criminal case.

## RECORDS AND GRADES

The passing grade for juniors is D and for seniors C. In determining these grades, the grades received in daily recitation and the hour examinations are combined with those received on final examinations.

Grades are indicated by letters which have value, on a scale of 100, as follows: A, 90-100; B, 80-90; C, 70-80; D, 60-70; E, 50-60; F, 0-50.

## CONDITIONS AND FAILURES

A senior receiving grade D in any subject is conditioned, and a junior receiving grade E in any study is conditioned. A junior who receives grade F in any study is regarded as having failed completely in that study, and in order to receive credit for it, must take it over in class. A senior who has received grade E in any study is regarded as having failed completely in that study, and, in order to receive credit for it, must take it over in class. (*As to removal of conditions, see page 38*).

**PRIZES****OLIVER PRIZE**

Mr. W. B. Oliver has offered an annual prize of \$25.00 to be awarded each year by the law faculty to a student of the senior class, on such terms and conditions as may be determined by the law faculty. There must be at least twelve competitors.

**AMERICAN LAW BOOK COMPANY PRIZE**

The American Law Book Company has generously offered a set of student edition of the Encyclopædia of Pleading and Practice to be awarded each year by the law faculty to a student of the junior class, on such terms and conditions as may be determined by the law faculty.

**CALLAGHAN AND COMPANY PRIZE**

Callaghan & Company, the law book publishers of Chicago, have provided an annual prize of one copy of the Cyclopedia Law Dictionary to be awarded each year by the law faculty to a student in the junior class, on such terms and conditions as may be determined by the law faculty.

**SOMERVILLE PRIZE**

The late Honorable Henderson M. Somerville, in his will, bequeathed to the University the sum of five hundred dollars for the purpose of providing two annual prizes in the law school for theses by law students on some legal subject assigned by the law faculty. The value of the first prize is twenty dollars, and the second prize is ten dollars. The money for these prizes will not be available until 1917.

**CERTIFICATE OF ATTENDANCE**

Each student who has been in regular attendance in the school of law for at least one half-year may, on application to the faculty, receive a certificate of such attendance, indicating the amount and quality of work done by him.

**DEGREE**

The degree of Bachelor of Laws (LL. B.) is conferred upon those students who satisfactorily complete the course of

study, as previously outlined. Students admitted to one year of advanced standing may, if they do satisfactorily the work as prescribed by the rules of the school of law, receive the degree after one year's residence. In no case, however, will the degree be granted unless the candidate is in actual residence during all of the senior year.

### ADMISSION TO THE BAR

A special statute authorizes the graduates of the school of law to be admitted, without examination or other conditions, on motion in the Supreme Court, to practice in all the courts of Alabama. Such graduates are also admitted, on motion, to practice in the United States District and Circuit Courts in this state.

### DISCIPLINE

Students in the school of law are subject to the same discipline as students in the other colleges of the University. Rules are few, simple, and reasonable. The honor system prevails and, so long as students do the work required and conduct themselves in a becoming manner, they are free to come and go at will. The aim is self-government.

### EXPENSES

The expenses of the law students for the full session of thirty-six weeks are as follows:

Room rent, fuel, lights, water, and attendance .....	\$ 36.00	\$.....	\$.....
Library .....	3.00	3.00	3.00
Incidental .....	3.00	3.00	3.00
Gymnasium .....	3.00	3.00	3.00
Medical attention .....	6.00	6.00	(Opt.)
Tuition .....	75.00	75.00	75.00
Total .....	\$126.00	\$ 90.00	\$ 84.00
Amount each term .....	42.00	30.00	28.00

For convenience of students, the session is divided into three fiscal terms of twelve weeks each, and one-third of these charges is payable at the beginning of each term. Those students whose homes are in Tuscaloosa are not required to pay the surgeon's fee, but may do so if they desire the services of the surgeon.

Students not rooming in the dormitories can secure table board in the University dining-room at \$12.00 a month. Those who room in the dormitories and take meals elsewhere are charged \$4.00 each scholastic month for room rent.

For a catalogue of or for other information in reference to the law school, address

PRESIDENT GEORGE H. DENNY,  
or DEAN A. J. FARRAH.



# School of Medicine

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.,  
President.

TUCKER HENDERSON FRAZER, B. E., M. D.,  
Dean.

## FACULTY

TUCKER HENDERSON FRAZER, B. E., M. D.,  
Secretary-Treasurer and Professor of Obstetrics.

WILLIAM HENRY SANDERS, A. M., M. D.,  
Emeritus Professor of Ophthalmology and of State Medicine.

CHARLES A. MOHR, Ph. G., M. D.,  
Professor of Hygiene and Preventive Medicine.

HENRY ALTAMONT MOODY, M. D., LL. D.,  
Professor of Therapeutics, Materia Medica and Pharmacognosy.

WILLIAM RICHARD JACKSON, M. D.,  
Professor of Surgery.

TOULMIN GAINES, M. D.,  
Professor of Histology, Embryology and Dermatology.

FRANK LEROY HALEY, Ph. G., M. S.,  
Professor of Physiological Chemistry.

PAUL JEROME MORRIS ACKER, A. M., M. D.,  
Professor of Operative Surgery.

ALFRED EDWARD THAYER, M. D.,  
Professor of Pathology and Bacteriology.

ANDREW HOWARD RYAN, M. D.,  
Professor of Physiology and Pharmacology.

JAMES H. AGNEW, A. M., M. D.,  
Professor of Medicine.

PERCY JOHN HOWARD, A. B., M. D.,  
Professor of Orthopedic Surgery.

HERBERT PHALON COLE, A. M., M. D.,  
Associate Professor of Gynecology.

ALFRED EDWARD MAUMENEE, M. D.,  
Professor of Ophthalmology.

JOHN OSGOOD RUSH, B. S., M. D.,  
Professor of Genito-Urinary Surgery.

RUFFIN ASHE WRIGHT, A. M., M. D.,  
Professor of Laryngology, Otology and Rhinology.

MARION JOSEPH BANCROFT, B. S., M. D.,  
Associate Professor of Obstetrics.

GILMAN JOSEPH WINTHROP, A. B., M. D.,  
Instructor in Surgery.

ROBERT CLARENCE JONES, A. B., M. D.,  
Instructor in Surgery.

EMIT LUTHER McCAFFERTY, M. D.,  
Instructor in Clinical Psychiatry.

EUGENE THAMES, M. D.,  
Instructor in Operative Surgery.

JOSEPH SCHWARTZ, B. S., M. D.,  
Instructor in Medicine.

J. H. McCORMICK, M. D.,  
Instructor in Materia Medica and Therapeutics.

EDWARD STILLMAN SLEDGE, B. S., M. D.,  
Instructor in Neurology and Radiography.

For a list of assistants and special lecturers see "University Faculty," page 9.

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### GENERAL STATEMENT

The 51st session of the school of medicine will begin September 28, 1916, and continue till June 5, 1917.

The University of Alabama, with the exception of its school of medicine, is at Tuscaloosa. The school of medicine is located at Mobile.

In 1859, a charter was issued by the Probate Court of Mobile county, incorporating the "Alabama Medical College." The first session began Tuesday, November 15, 1859, in a rented building, the location and identity of which is not now ascertainable. During this session a special charter was granted by the state legislature reincorporating the school as "The Medical College of Alabama" and constituting it a department of the State University, but under the control of its own board of trustees. At the same time an appropriation of \$50,000 was

made by the legislature for the purchase of a suitable lot and in the erection of the necessary buildings. This sum was supplemented by \$25,000 subscribed by Mobile citizens, and with this amount the present site was purchased, the main building erected and the original equipment obtained.

Educational work was suspended in 1861 as a result of the outbreak of the civil war. At the close of the war in 1865, the school was occupied for some time by the federal troops, and later by the Freedmen's Bureau, much to the detriment of both building and equipment. When the school was finally restored to its trustees, it was repaired and re-equipped as well as the circumstances would permit and re-opened to students in 1868. The state made an appropriation of \$9,750 in 1871 and another of \$7,500 in 1888 for repairs and apparatus, and another appropriation of \$10,000 in 1891, for like purposes. And again in 1907 an appropriation of \$45,000 was made for needed additions to both building and equipment.

Prior to 1907 the "Medical College of Alabama," though always potentially, and during the last decade of years nominally, a part of the University, was not so in reality. It was controlled and governed by its own board of trustees. But in 1907, by virtue of an act of the legislature, the "Medical College of Alabama" passed over actually to the University and to the control of its board of trustees and became the school of medicine of the University. The present relation of the school of medicine to the University is that of the part to the whole, and is definite and absolute, thus insuring the conduct of the medical educational work along true university lines and ideals.

#### STATE APPROPRIATION

In 1907 the state appropriated \$5,000 annually for the maintenance of the school of medicine, and in 1911 it increased this appropriation to \$30,000 annually.

#### BUILDINGS AND FACILITIES

The school of medicine is located on the square bounded by St. Anthony, Lawrence, State and Cedar streets. The main building is four stories high, has a frontage of 90 feet and a depth of 95 feet. The entrance faces south on St. Anthony street. Two one-story wings adjoin the north side of the main building, each 23x49 feet. A two-story wing 30x80 feet adjoins the east side. There is also a detached frame building 16x30 feet in the rear of the main building. The main building contains the anatomical, chemical, bacteriological and path-

ological and histological laboratories, the museum, library, and four lecture rooms. The physiological laboratory is in the east wing. The detached frame building is for animals and animal experimentation.

The hospital facilities comprise the City hospital, the City dispensary, the Alabama Maternity and Infant home, the State hospital at Mt. Vernon, and by courtesy of the surgeon-general of the United States Public Health and Marine Hospital Service, and of the local commanding officer, the hospital of that service in Mobile.

#### LABORATORIES

There are six separate laboratories, as follows: The laboratory of anatomy, of chemistry, of physiology, of histology, of bacteriology and pathology, and of animal experimentation. Each laboratory has the necessary store and preparation rooms, and except the animal experimentation laboratory, each has office rooms for the professor in charge and assistants. The equipment and furnishings are those usual to such laboratories, and comply in these respects with the requirements of the Association of American Medical Colleges and the recommendations of the Council on Medical Education of the American Medical Association.

#### LIBRARY

The library owes its beginning to the gift of the medical library of the late Dr. George A. Ketchum, for many years professor of theory and practice of medicine and dean of the school of medicine. During the session of 1911-12 the library gained a large accession in the shape of the professional library of its late dean, Dr. Rhett Goode. Gifts have been received from Dr. J. G. Michael and others. With the session of 1912-13 an annual appropriation for the purchase of new books and current medical journals and periodicals went into effect.

The library is in charge of a librarian and two assistants, and is open daily during the day, Sundays and holidays excepted, throughout the session.

#### MUSEUM

Originally the museum was fully equipped in every detail. It suffered greatly, however, from the occupation of the building by the federal troops and later by the Freedmen's Bureau. While new specimens are added as occasion presents, the general policy, however, is towards developing working and teaching museums in immediate connection with the lab-



oratories and clinical departments, and only duplicate or excess specimens, or specimens more curious than instructive, will be kept hereafter in this museum.

#### ADMISSION

No applicant will be admitted for the degree of doctor of medicine who has not satisfactorily completed the sophomore year of the college of arts and sciences of the University, or of some other recognized institution of equivalent grade, including one year of college physics, biology, and a modern foreign language, and two years of college chemistry.

Applicants will be admitted without examination upon presenting any one of the following, viz.: (a) a diploma conferring the degree of A. B., or B. S., or equivalent, from an approved educational institution of collegiate or higher grade; (b) a certificate showing the satisfactory completion of the sophomore year's work of the college of arts and sciences or of that of another college or educational institution of equivalent grade; provided, however, that the work represented by the diploma or the certificate includes the required work in physics, chemistry, biology, and a modern foreign language.

The preliminary educational requirements must be satisfied in full before admission. No condition in preliminary educational requirements can be carried into the school.

The state board of medical examiners of Alabama will require on and after January, 1919, that every applicant for license to practice medicine in Alabama shall have had, before beginning the study of medicine, two years of collegiate training, including courses in physics, biology, chemistry, and a modern foreign language—in fact to all intents the same preliminary training that went into effect for admission to the school of medicine of the University in 1915.

Students contemplating the study of medicine will, therefore, perceive how vitally important a matter is this item of preliminary educational qualification for the professional degree of M. D.

#### COMBINED COURSES B. S.—M. D.

Recognizing the broad educational foundation demanded for the professional degree of M. D. and the general educational value of the work of the first two years of the medical curriculum, the University offers the degrees of B. S. and M. D. to such students as successfully complete two years' work in the college of arts and sciences and the four years of the medical curriculum of the school of medicine. The work



prescribed for the two years spent in the college of arts and sciences is as follows:

FIRST YEAR		SECOND YEAR	
Biology .....	4 hours	Biology .....	4 hours
Chemistry 1 .....	4 hours	Chemistry .....	4 hours
English 1 .....	3 hours	English or Psychology..	3 hours
		Modern Language or	
Mathematics 1 and 2....	3 hours	Psychology .....	3 hours
Modern Language A or 1,	3 hours	Physics 1 .....	4 hours
<hr/>		<hr/>	
17 hours		18 hours	

The B. S. degree is awarded upon the completion of the second year of the medical curriculum, or on the completion of four years' work in the University, and the M. D. degree upon the completion of the four years' work of the medical curriculum.

By this arrangement the two degrees may be obtained in six years.

#### ADVANCED STANDING

Advanced standing will be granted only to those applicants who present certificates or credentials from other accredited schools of medicine showing that equivalent courses to those for which credit and advanced standing is asked have been duly and satisfactorily completed therein by the applicants; that the preliminary educational qualifications were satisfied and were equivalent to those required by this school, and that there are no reasons or objections to the admission of the applicants to advanced standing in this school. This school reserves the right to require, if deemed necessary, such applicants to take and pass examination in all subjects for which advanced standing is asked. Under no condition will any discrimination in requirements for advanced standing be made in favor of applicants from other schools as against the students of this school.

#### ADMISSION TIME LIMIT

In order that the time of study shall count as a full year all students entering for the session of 1916-17 must be registered and in attendance within four days after the day of opening of the school.

#### SPECIAL STUDENTS

Applicants not candidates for the degree of M. D., who may desire to pursue work in any course or courses offered in

the school may be admitted as special students without submitting evidence of the preliminary educational requirements prerequisite for candidates for the degree of doctor of medicine. But neither work nor time spent as such special students can be subsequently credited to that required for the degree of M. D. Information regarding the fees incident to the several courses will be furnished upon application to the dean.

#### INSTRUCTION

For the purpose of instruction students are grouped into four classes, according to the date and conditions of their admission and their proficiency and progress in their studies. Students are not permitted to advance from a lower to a higher class until all the conditions prescribed for advancement have been satisfactorily complied with.

**TABLE SHOWING THE HOURS DEVOTED TO THE  
SEVERAL SUBJECTS OF THE CURRICULUM**

SUBJECT	First Year Hours	Second Year Hours	Third Year Hours	Fourth Year Hours	Total Hours
Anatomy.....	527	64			591
Histology and Embryology.....	244				244
Chemistry, Physiological.....	187				187
Physiology.....		286			286
Pharmacology.....		130			130
Bacteriology.....		135			135
Pathology.....		345	64	30	439
Materia Medica and Therapeutics.....		96	32		128
Physical Diagnosis.....		32	64		96
Laboratory Diagnosis.....			96		96
Practice.....			128		128
Ward Clinics.....				96	96
Ward Work.....				232	232
Dispensary Work.....				64	64
Nervous and Mental Diseases.....			16	136	152
Pediatrics.....			64	32	96
Tropical Diseases.....				32	32
Dermatology.....				80	80
Hygiene and Preventive Medicine.....			64		64
Legal Medicine.....				16	16
Radiography.....			16		16
Obstetrics.....			128	32	160†
Gynecology.....			64	64	128
Surgical Technique.....		32			32
Surgery.....			128		128
Clinics.....			64	96	160
Ward Work.....				176	176
Dispensary Work.....				64	64
Orthopedic Surgery.....			32	32	64
Operative Surgery.....			96		96
Genito-Urinary Diseases.....			32	64	96
Ophthalmology.....				64	64
Laryngology.....				64	64
Total.....	958	1120	1088	1374	4540

†—Obstetrics. Practical obstetrics, time depends upon number of cases and cannot be definitely determined. Each student required to assume complete charge of not less than six cases.

## FACILITIES FOR CLINICAL INSTRUCTION

The following institutions are accessible for and utilized in clinical instruction:

(1) The City Hospital, St. Anthony street, between Jefferson and Broad streets.

(2) The Alabama Maternity and Infant Home, St. Anthony street, opposite the City Hospital.

(3) The United States Marine Hospital, St. Anthony street, between Bayou and Jefferson streets.

(4) The City Dispensary, formerly in the medical school building, now at the City Hospital, entrance on Broad street, between St. Anthony and Congress streets.

(5) The Mount Vernon Hospital for the Insane, Mount Vernon, Ala.

**The City Hospital**—The City Hospital is less than five minutes' walk from the school of medicine. It has 150 charity beds, all available for clinical instruction.

The members of the visiting staff of the hospital are selected by the faculty of medicine from its members and the medical control of the institution is in all its details under the direction of the school of medicine.

**The Alabama Maternity and Infant Home**—This institution is on the opposite side of the street to the City Hospital. It contains accommodation for forty maternity cases and for an equal number of infants and children under five years of age. This home is maintained by the Sisters of Charity as a charitable institution. The obstetrical and pediatric staffs of this institution are chosen from the faculty of the school of medicine, so that the clinical facilities of this institution are altogether available and accessible to students of the school of medicine.

**The U. S. Marine Hospital**—This hospital, situated on St. Anthony street, immediately east of the City Hospital, is by the courtesy of the surgeon-general of the United States Public Health and Marine Hospital Service, available for clinical instruction. The commanding officer, Dr. John T. Burkhalter, is lecturer on tropical diseases, and uses the wards of this institution in giving clinical instruction in these diseases.

**The City Dispensary**—The City Dispensary occupies the basement floor of the new pavilion recently added to the City Hospital. It contains waiting rooms for examination and

treatment of patients. During the year just ended there were more than 13,500 visits and treatments given in the dispensary. The staff of the dispensary is composed entirely of professors and instructors of the school of medicine, and all cases are used for clinical instruction.

**The Mount Vernon Hospital**—The Mount Vernon Hospital for the colored insane is at Mount Vernon, 28 miles from Mobile. Fourth year students are assigned in sections to this hospital for clinical instruction in the various forms of mental diseases. There are more than 700 patients always in this institution.

### REQUIREMENTS FOR GRADUATION

Every candidate for graduation must be of good moral character, including a record of good conduct while a student in the school, and must have attained the age of 21 years. He must have attended in a regular and accepted medical school four full academic years, the last academic year of which must have been in this institution, and he must have satisfactory or passing grades in all courses of study embraced in the curriculum of this school, that is, he must have passed satisfactorily in each and every subject in each and every year in which the subject was given and examination taken. In case of a candidate taking only his final year's work in this school, satisfactory examinations must be passed in every subject of the fourth year of this school, even though he may have passed in the same subject or subjects in some other school.

All fees, including the graduation fee, must have been paid. He must present himself at the commencement exercises. The degree will not be conferred in the absence of the candidate unless such absence has been sanctioned by the faculty.

The degree will not be conferred on any candidate whose conduct during the course has been unsatisfactory to the faculty.

A candidate for graduation failing to pass in any subject or subjects of the fourth year, may appear for re-examination for graduation at the regular examination period in September, and if successful in passing the subject or subjects in which he failed, together with any subject or subjects of the fourth year in which he received a grade of less than B, may receive his degree and diploma at such time and in such manner as the faculty may determine.



## FEES

The fees and other charges made by the school for the regular course leading to the degree of doctor of medicine are as follows:

First Year:	Tuition, including all charges except those stated below.....	\$155 00
Second Year:	Tuition, including all charges except those stated below.....	150 00
Third Year:	Tuition, including all charges except those stated below.....	150 00
Fourth Year:	Tuition, including all charges except those stated below.....	150 00

Special charges are as follows:

(1) A contingent fee of \$5.00 is required annually of every student to cover damage or loss to property or apparatus of either the school of medicine or the hospitals. This fee less any deductions therefrom on account of such damage or loss is returned to the student at the close of the session. If at any time during the session this fee be reduced to \$2.50 by charges against it, the student will be required to make a deposit sufficient to raise it to \$5.00.

(2) A microscope rental fee of \$5.00 is charged annually for the use of a microscope. The payment of this fee entitles the student to the use of one of the school's microscopes in the courses in which these are required. A student furnishing his own microscope is not charged this fee. Students may purchase from the school microscopes at cost, and at a considerably lower price than the same instruments could be purchased from dealers. Students so purchasing will be permitted to credit their microscope rental fees as part of the purchase price. As microscopes are used during the four years, this would amount to \$20.00 towards the purchase of a \$55.00 to \$75.00 instrument, as the case might be.

(3) A diploma fee of \$25.00 is required of all graduates. This fee must be paid not later than thirty days before the date of graduation. This fee is returned in full in case of failure to graduate.

## FEES FOR SPECIAL COURSES

Special course students are charged fees according to the courses taken and the materials used. As these courses may vary greatly according to the wants of each student, it is not

practicable to schedule the charges specifically. Generally stated, the average cost of a special course in any subject will not exceed \$50.00 nor fall under \$30.00. A combination of two or more separate courses will not be as expensive as that indicated by the charges for a single course. Students and others desiring special courses will be given detailed information upon request to the dean.

Graduates of this school are permitted to attend as auditors all lectures and clinics free of charge, provided that at the clinics their presence does not interfere with the students' opportunities for instruction nor with the general convenience of the clinicians.

Graduates of this school desiring to attend in the capacity of post-graduates will be required to pay one-half the regular charges made for a regular course, or special course, or courses, as the case may be. Information relative to these charges will be furnished upon application to the dean.

### PAYMENT OF FEES

All fees and other charges are payable in advance as follows:

One-half of the tuition fee and all the contingent fee of \$5.00 and the microscope rental of \$5.00 must be paid on the day of registration. The other half of the tuition fee must be paid on or before January 31, and without presentation of bill therefor.

### STATE SCHOLARSHIPS

It is provided in the act establishing the medical college that one student from each county in the state be granted free tuition, which at present is equivalent to a deduction of \$75.00 from the charge stated on page 141. Each student must obtain from the probate judge and commissioners of roads and revenue in the county in which he resides, certificates that he is without means of procuring a medical education, that he is worthy, both by character and preliminary education, of such scholarship, and he must present the same to the dean when making application for admission. Any student applying for admission under this scholarship provision must satisfy all admission requirements, by certificate, diploma, or examination, before he can be enrolled as a student. For educational admission requirements, see page 135. Students participating in the benefits of this provision are unknown as such, except to the faculty.

Students receiving such appointment have the privilege of its renewal for four years, or until they receive their diplomas,

provided the conditions under which they are appointed remain unchanged during that time, and also that they maintain a satisfactory grade in all their studies. Under no circumstances will two beneficiaries from the same county be received during the same session.

### PRIZES, HONORS AND APPOINTMENTS

**The Honor Roll**—The names of those members of the graduating class who during the four years of study attain an average of 90 per cent. or over are placed upon the honor roll of the University, which is read at the commencement exercises and published in the annual catalogue.

**The Bush Prize**—The interest on one thousand dollars (\$1,000.00), given by the late Honorable J. Curtis Bush, of Mobile, is used each year in the purchase of a case of surgical instruments or other suitable prize, which is awarded to that member of the graduating class who during the four years of the medical course attains the highest standing.

**The Rhett Goode Prize**—Established by Mrs. Rhett Goode in memory of her husband, the late Dr. Rhett Goode, a member of the faculty and for many years dean of the school. This prize is awarded to the member of the graduating class who during the four years attains the second highest standing.

**The Rush Prize**—This prize is given by Associate Professor John O. Rush to the student in the fourth year class having the highest general average in the subject of genito-urinary diseases.

**Appointments**—The following appointments are made annually from members of the graduating class:

Resident Physician (two), City Hospital, Mobile.

Resident Physician, Providence Infirmary, Mobile.

Resident Physician, Southern Infirmary, Mobile.

Resident Physician, St. Margaret's Hospital, Montgomery.

Resident Physician, State Tuberculosis Hospital, Wetumpka, Ala.

Resident Physician, Mobile Infirmary.

Three Medical Internes, Alabama Insane Hospitals at Mount Vernon and Tuscaloosa.

### STUDENT MEDICAL SOCIETY

The George A. Ketchum Medical and Surgical Society is a student organization founded in 1909 and named in memory of the late Dr. Ketchum, one of the founders of the school and professor of medicine from 1859 to 1906. The society meets every Friday night during the academic session, for the

reading and discussing of papers prepared by its members. The object of the society is to stimulate individuality and independence of thought in medical science and at the same time to familiarize its members with the customs and government of parliamentary bodies.

### ALUMNI ASSOCIATION

This association was organized in March, 1910. Its object is to advance the interests and influence of the school of medicine of the University by the promotion of sentiments of amity and brotherhood among its graduates, and to use all efforts toward elevating the standards of medical education and professional ethics.

All graduates of the school of medicine are eligible to membership upon the payment of the annual dues—one dollar.

It is earnestly hoped that every alumnus of the school will communicate with the secretary and actively co-operate in this work.

The officers for the year 1915-16 are as follows:

President—M. J. Bancroft, M. D., Mobile, Ala.

First Vice-President—L. O. Hicks, M. D., Jackson, Ala.

Second Vice-President—J. A. Ussery, M. D., Roanoke, Ala.

Secretary-Treasurer—P. J. Howard, M. D., Mobile, Ala.

Annual Orator—E. W. Cawthon, M. D., Plateau, Ala.

The annual meeting is held the day before commencement.

### GENERAL SUMMARY OF EXPENSES

The expenses incident and essential to a course of medicine depend largely upon the student's own means and inclinations. The average may be taken as follows:

	First Year	Second Year	Third Year	Fourth Year
Tuition, including all charges of every kind by the school.....	\$160.00	\$155.00	\$155.00	\$175.00
Cost of books, instruments and other necessary incidentals .....	50.00	45.00	50.00	40.00
Cost of board and lodging, including laundry for 8½ months.....	190.00	190.00	190.00	190.00
Total cost .....	\$400.00	\$390.00	\$395.00	\$400.00
Less refund of contingent fee averaging for each year.....	4.00	4.00	4.00	4.00
Net cost .....	\$396.00	\$386.00	\$391.00	\$396.00



Students are required to supply themselves with certain things needed from time to time during the course. In the first year every student must provide himself with a dissecting set of the kind required, with microscope slides and cover slips, note books, etc. In the other years articles of other kinds are required. The cost of all these incidentals and necessities has been taken into consideration in the estimate of expenses just given above.

Students upon their arrival in the city should call at the office of the dean at the school building on St. Anthony street, between Cedar and Lawrence streets, where they will be given information relative to suitable board and lodging houses. Board, including lodging, fires and lighting, can be obtained for from \$18.00 to \$25.00 per month.

**The Young Men's Christian Association**—The Young Men's Christian Association of the medical school of the University was organized in the lecture hall of the Young Men's Christian Association of Mobile, March 9, 1910. The association conducts a prayer meeting for the students every Saturday at 7:30 p. m. The privileges of the city association are given students during the college session for \$6.00. These privileges include use of the reading room, library, social rooms, gymnasium, baths, swimming pool, etc.

For catalogue and other information, address

THE DEAN,

School of Medicine,

Mobile, Ala.



# Graduate School of Medicine

BIRMINGHAM

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A. M., Ph. D., LL. D., D. C. L.,  
President

LEWIS C. MORRIS, M.D.,  
Dean

G. S. GRAHAM, A.M., M.D.,  
Secretary

## FACULTY

LEWIS C. MORRIS, M.D., Dean,  
Professor of Gynecology and Abdominal Surgery

J. D. S. DAVIS, M.D., LL.D.,  
Professor of Principles and Practice of Surgery and Clinical  
Surgery

D. F. TALLEY, A.M., M.D.,  
Associate Professor of Surgery

JAMES S. McLESTER, A.B., M.D.,  
Professor of Medicine and Physician-in-Chief to the Hospital

E. P. HOGAN, A.M., M.D.,  
Associate Professor of Gynecology and Abdominal Surgery

F. A. LUPTON, M.Sc., M.D.,  
Professor of Obstetrics

W. P. McADORY, A.B., M.D.,  
Associate Professor of Surgery, Surgical Anatomy and Clinical  
Surgery

J. ROSS SNYDER, A.B., M.D.,  
Professor of Pediatrics

W. G. HARRISON, M.D.,  
Professor of Otology, Rhinology and Laryngology

H. S. WARD, B.S., M.D.,  
Professor of Neurology and Clinical Medicine

A. F. TOOLE, A.B., M.D.,  
Associate Professor of Surgery for Genito-Urinary Diseases

K. W. CONSTANTINE, A.B., M.D.,  
Professor of Ophthalmology

G. S. GRAHAM, A.M., M.D., Secretary,  
Professor of Pathology and Bacteriology

WALTER F. SCOTT, M.D.,  
Associate in Genito-Urinary Surgery

CHAS. E. DOWMAN, Jr., A.B., M.D.,  
Associate in Survey of the Nervous System

E. LAWRENCE SCOTT, M.D.,  
Associate in Orthopedic Surgery

LLOYD NOLAND, M.D.,  
Associate in Medicine for Tropical Diseases

GEO. A. HOGAN, B.S., M.D.,  
Instructor in Surgery

W. L. THORNTON, B.S., M.D.,  
Instructor in Surgery

STEWART H. WELCH, A.B., M.D.,  
Instructor in Surgery

H. M. GINSBURG, B.S., M.D.,  
Instructor in Gynecology and Abdominal Surgery

CHALMERS H. MOORE, A.B., M.D.,  
Instructor in Gynecology and Abdominal Surgery

H. P. SHUGGERMAN, A.B., M.D.,  
Instructor in Medicine

H. P. LOTTERHOUSE, A.B., M.D.,  
Instructor in Medicine

RUSSELL CALLEN, M.D.,  
Instructor in Pediatrics

MORTIMER H. JORDAN, M.D.,  
Instructor in Dermatology

C. C. McLEAN, M.D.,  
Instructor in Pediatrics

R. C. McQUIDDY, M.D.,  
Instructor in Genito-Urinary Surgery

E. S. CASEY, B.S., M.D.,  
Instructor in Anaesthesia

C. D. RENDER, M.D.,  
Instructor in Rectal Diseases

RUSSELL M. CUNNINGHAM, M.D.,  
Special Lecturer in Medicine

JAMES T. SEARCY, M.A., M.D.,  
Special Lecturer in Psychiatry

W. H. SANDERS, M.D.,  
Special Lecturer in State Medicine and Public Hygiene

### LOCATION

The graduate school of medicine is located in Birmingham, sixty miles distant from the University campus and connected with the University by two systems of railway. The medical school building, together with the Hillman Hospital and the University Free Dispensary, occupies practically an entire city block.

### GENERAL STATEMENT

The courses of study outlined for the graduate school of medicine differ somewhat from those followed by certain of the older post-graduate institutions. The regular instruction will be divided into four courses, each of which will be complete in itself and require the student's entire time.

Special work, however, will be provided for those who wish it, and who present evidence of their fitness for such work.

The session of nine months will be divided into trimesters of three months each. The student will be expected to take a full trimester's work, which will comprise a complete whole. For anyone who finds it impossible to remain away from his practice for this length of time, tickets for six weeks will be issued. Anyone taking only one-half of a regular trimester may return at any time and complete the course, receiving full credit for the work done, and for the tuition which has been paid.

The clinical work will be done in the University Free Dispensary and the Hillman Hospital, utilizing the wealth of material available in these two institutions.

### REQUIREMENTS FOR ADMISSION

All graduates of recognized medical schools and all physicians licensed to practice medicine are eligible for admission.

### COURSES OF INSTRUCTION

#### Course A.

- Medicine
- Physical Diagnosis
- Neurology
- Pediatrics
- Dermatology
- Clinical Pathology
- One elective

The work in this course will include, besides studies in diagnosis, clinical conferences and didactic lectures. The lectures will be designed to meet the needs of the man in general practice and are intended to give him an insight into the newer things of medicine.

Clinical pathological conferences will be held, at which autopsy material from patients seen in the hospital will be examined and the clinical diagnosis as shown by the hospital records compared with the pathological findings.

#### Course B.

General Surgery  
Gynecology and Abdominal Surgery  
Genito-Urinary Surgery  
Orthopedic Surgery  
Operative work on cadaver and animals  
Clinical Pathology  
One elective

This course will include general surgical and gynecological diagnosis both at the bedside and in the amphitheatre as well as in the University Free Dispensary. The abundant material in the hospital furnishes a great variety of cases in all the special departments of surgery. Operative work on the cadaver is done in suitably appointed operating rooms in the main building.

Each matriculate taking course A or B will be required to do a certain amount of laboratory work in the department of pathology. He will receive practical instruction in urine, sputum and blood work suitable to the needs of the general practitioner.

Three electives are offered and each student in courses A and B will be required to choose one of these. The electives are:

- (1) Eye
- (2) Ear, Nose and Throat
- (3) Obstetrics

The work in these three departments will have in view the needs of the man in general practice and will be designed to give him instruction bearing upon his daily work. The obstetrical wards in the new addition to the Hillman Hospital offer adequate facilities for teaching aseptic mid-wifery as well as the usual obstetrical operations.

## Course C.

Histology  
Pathology  
Bacteriology  
Clinical Pathology

This course is designed for laboratory workers and will keep the matriculate constantly in the laboratory. Practical autopsy work and the cutting, staining and mounting of sections will be given, as well as instruction in the diagnosis of pathological tissues.

The preparation of culture media and general bacteriologic study will be included.

Clinical pathology will include the study of urine, sputum, feces and gastric contents and the technique of the Wasserman reaction.

## Course D.

Public Health  
Tropical Medicine  
Bacteriology

This course is designed to meet the needs of county and municipal health officers and of other physicians interested in public health. Lectures in public health and tropical medicine will be given and the work in bacteriology will, with certain additions, be parallel with that given in Course C.

## SPECIAL COURSES

## Special Course E.

Beginning November 2, and lasting six months, will be given a course in general pathology addressed chiefly to those physicians and surgeons of Birmingham and vicinity who wish to acquire a more intimate knowledge of pathological processes or to revise the knowledge acquired in earlier studies.

The regular studies in pathology will be preceded by a review of human histology. Gross pathologic material will be shown and microscopic sections from the same material will then be demonstrated.

These studies will include those pathologic processes of most interest to the physician or surgeon.

The work in this course will be done from 8 to 10 a. m. two evenings each week.



**EXPENSES**

For each complete course (three months)-----	\$75.00
For each one-half course (six weeks) -----	40.00
For special course E -----	25.00

**BOARD**

Good board can be procured for from \$25.00 to \$30.00 a month. The secretary will, upon inquiry, furnish a list of suitable near-by boarding houses and hotels.

DR. G. S. GRAHAM, Secretary,  
1920 Avenue F,  
Birmingham, Ala.

# Department of Pharmacy

MOBILE

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## OFFICERS OF ADMINISTRATION

GEORGE H. DENNY, A.M., Ph.D., LL.D.,  
President

TUCKER H. FRAZER, M.D.,  
Dean

PERCY J. HOWARD, M.D.,  
Secretary and Treasurer

## FACULTY

THOMAS S. VAN ALLER,  
Instructor in Pharmacy

H. A. MOODY, M.D.,  
Professor of Materia Medica

TOULMIN GAINES, M.D.,  
Professor of Microscopy and Histology

F. L. HALEY, B.S., Ph.G.,  
Professor of Physiological Chemistry

ANDREW H. RYAN, M.D.,  
Professor of Physiology and Pharmacology

J. H. McCORMICK, M.D.,  
Instructor in Materia Medica

The next session of the department of pharmacy of the University of Alabama will begin Thursday, September 28, 1916, and will close Tuesday, June 5, 1917. The work of this department is conducted in the building of the school of medicine, the equipment of which is utilized as far as possible for the purpose of this department.

## REQUIREMENT FOR ADMISSION

The requirement for admission to the course in pharmacy is the completion of a two-year high school course, or its equivalent.

## PLAN OF INSTRUCTION

The plan includes didactic lectures, table demonstrations, recitations, and laboratory work in the laboratories of microscopy, chemistry, and pharmacy, and practical work in the University dispensary.

The degree of graduate in pharmacy is conferred upon those students who complete in a satisfactory manner the course of study outlined below.

The course extends through two sessions of eight full teaching months each, and is given by lectures with table demonstrations, laboratory practice, recitations, and examinations, and is distributed or divided as follows:

Subject.	Year	Hours	Year	Hours	Total Hours
Materia Medica .....	1st	160	2nd	140	300
Chemistry .....	1st	200	2nd	200	400
Pharmacy .....	1st	140	2nd	160	300
					<hr/> 1000

## MATERIA MEDICA

## FIRST YEAR

Botany (morphology, physiology, classification, etc.)..... 45 hours  
General facts and principles of Materia Medica..... 10 hours

Mr. T. S. Van Aller and Assistants.

Physiology, Animal ..... 30 hours  
Professor Ryan and Assistants.

Microscopy, care and use of microscope (simple and compound), micrometry, preparation and mounting of materials, etc. .... 10 hours

Histology of the plant..... 40 hours  
Professor Gaines and Assistants.

## SECOND YEAR

Histological Pharmacognosy (microscopical study of whole and powdered drugs for identity and purity)..... 35 hours

Posology and Toxicology ..... 35 hours

Therapeutics, and prescription writing..... 35 hours  
Professor Gaines and Assistants.

Pharmacodynamics (pharmacology) ..... 35 hours  
Professor Ryan and Assistants.

**CHEMISTRY****FIRST YEAR**

Chemical Physics, Inorganic Chemistry, Theory, Practical Chemistry (manufacturing, qualitative analysis and introduction to quantitative) .....200 hours  
Mr. Van Aller and Assistants.

**SECOND YEAR**

Chemistry, organic, pharmaceutical, manufacturing, qualitative and quantitative, drug assaying.....300 hours  
Mr. Van Aller and Assistants.

Physiological Chemistry .....105 hours  
Professor Haley and Assistants.

**PHARMACY****FIRST YEAR**

General facts, history, arithmetic, Latin, metrology, heat and its applications, comminution, solution, separation and other processes, making of typical preparations of the waters, syrups, etc., pharmacy of inorganic substances .....140 hours  
Mr. Van Aller and Assistants.

**SECOND YEAR**

Pharmacy of the organic drugs, manufacturing and commercial pharmacy, Latin and arithmetic continued, making of selected preparations of the Pharmacopoeia and National Formulary .....160 hours  
Mr. Van Aller and Assistants.

**EXAMINATION AND GRADES**

Examinations, oral, written, or both, are held during the course, at the discretion of the teacher in charge, and at the close of each course a final examination in the subjects of the course is held.

**REQUIREMENT FOR GRADUATION**

The candidate must be of good moral character. His record of good conduct during his relation with the University must have been satisfactory to the faculty.

He must have completed two full courses in some recognized school of pharmacy of at least eight months each, the last of which must have been in this institution.

He must have performed all required laboratory work in a satisfactory manner and have passed satisfactory examinations at the close of the last year and have paid all required fees, including the diploma fee.

Work done in other departments of the University will be credited.

The same rules governing the students, their relations to the institution and at examination, which apply to the school of medicine, will obtain in this department.

### FEES

The fee for the course in pharmacy is \$90.00 a session. This amount covers the cost of material and apparatus used, and all laboratory expenses, as well as the matriculation fee.

The graduation fee is \$15.00, payable at the time application for graduation is filed. In case the diploma is not granted, this fee is returned to the applicant.

A contingent fee of \$10.00 is required of each student to cover damage or loss to apparatus or property. This fee, less any deductions for loss or damage, is returned to the student at the end of the session.

### EXPENSES OTHER THAN FEES

Board, lodging, fuel, lights, laundry, for each year	
average .....	\$190.00
Text-books, note books, etc., average for each year...	25.00

### MISCELLANEOUS

Special courses for applicants for state board examinations are given, but cannot be credited toward graduation.

The Ph.G. certificate of this department is accepted by the Alabama state board in lieu of two years' drug-store experience.

For further information, address the Dean of the Department of Pharmacy, Mobile, Ala.



# Students

## COLLEGE OF ARTS AND SCIENCES

### GRADUATE STUDENTS

NAME	RESIDENCE	COURSE
Thomas S. Bugg.....	Dickert .....	M. A.
Fitzhugh Lee Carmichael....	Goodwater .....	M. A.
Lewy Dorman .....	Clayton .....	M. S.
Lula Glaze Flinn.....	Tuscaloosa .....	M. A.
Jesse Hamilton Graves.....	Blountsville .....	M. S.
William Shafer Hinton.....	Reform .....	M. A.
Fred Albert Lewis.....	Talladega .....	M. A.
Osgood Cook McIntyre.....	Birmingham .....	M. A.
William Seale .....	Vredenburgh .....	M. A.

### SENIORS

Ruth Linton Allen.....	LaFayette .....	A. B.
George Jones Alston, Jr....	Tuscaloosa .....	A. B.
Mary Barrett Ashbaugh....	Tuscaloosa .....	B. S.
John Spiers Bibb.....	Elmore .....	A. B.
Carolyn Louise Brown.....	Birmingham .....	A. B.
Kathrina Brown .....	Tuscaloosa .....	A. B.
Lucie Eddins Buchanan....	Birmingham .....	A. B.
Maline Burns .....	Ensley .....	A. B.
John Leslie Carmichael....	Goodwater .....	A. B.
Roe Chapman .....	Ariton .....	B. S.
Mabel Chilton .....	Montgomery .....	A. B.
James Chrietzberg .....	Eclectic .....	B. S.
Edna Cohen .....	Montgomery .....	A. B.
Stuart Coleman .....	Birmingham .....	A. B.
Daphne Cunningham .....	Tuscaloosa .....	A. B.
John Cottingham Curry....	Union Springs .....	B. S.
Lenna Denney .....	University .....	A. B.
Melvins Coke Dunklin.....	Selma .....	A. B.
Harriet Erline Durrett.....	Northport .....	A. B.
Irene Erwin .....	Birmingham .....	A. B.

NAME	RESIDENCE	COURSE
Elvira Katherine Farrah.....	Tuscaloosa .....	A. B.
Herbert Lyman Findley.....	Tuscaloosa .....	A. B.
Arthur Key Foster.....	Troy .....	A. B.
Margaret Foster .....	Rock Castle .....	A. B.
Solomon Garden .....	Corona .....	A. B.
Robt. Montgomery Goodall, Jr..	Birmingham .....	A. B.
Arthur Green .....	Bessemer .....	A. B.
Arthur McA. Hamilton, Jr..	Huntsville .....	A. B.
William Dabney Harris.....	Birmingham .....	B. S.
Grace Savanna Harrison....	Midway .....	A. B.
Connie Ray Helms.....	Elba .....	A. B.
Luther Lyons Hill.....	Montgomery .....	B. S.
Samuel Jesse Johnston.....	Birmingham .....	A. B.
Henry Thomas Jones.....	Roy .....	A. B.
Lucian Jones .....	Florence .....	B. S.
Benj. Hughes Kennedy, Jr...	Birmingham .....	A. B.
Beatrice Kitchens .....	Jasper .....	A. B.
Clifford Lanier Lamar.....	Selma .....	A. B.
Fred Augustus Luqueer.....	Olathe, Colorado .....	B. S.
Louise Marshall McCain....	Livingston .....	A. B.
James Lamar McCann.....	Tuscaloosa .....	B. S.
Corley Campbell McEachern.	Brundidge .....	A. B.
Clyde McKay .....	Wedowee .....	A. B.
Mamie McKay .....	Wedowee .....	A. B.
Rubie McKay .....	Wedowee .....	B. S.
William Overton McMahon.	Livingston .....	B. S.
Wallace Davis Malone.....	Dothan .....	A. B.
Robert Gordon Martin.....	Thomasville .....	B. S.
John Conley Merchant.....	Ashville .....	B. S.
William Henry Milner.....	Columbiana .....	A. B.
Jackson Lavelle Morrow....	Plantersville .....	A. B.
Oscar Gallileo Myers.....	Perote .....	B. S.
George Frederic Neilson.....	Tuscaloosa .....	A. B.
Albert Foster Norton.....	Louisville .....	B. S.
Marion Lamar Oakley.....	Columbia .....	A. B.
Claudia Angeline Paisley....	Selma .....	A. B.
Frank Davis Parham.....	Gainesville .....	A. B.
James Overby Pearson.....	Alexander City .....	A. B.

NAME	RESIDENCE	COURSE
John Hale Pearson.....	Alexander City .....	A. B.
Roy Lindsay Phillips.....	Boaz .....	B. S.
Patton Kimbrough Pierce...	Ralph .....	A. B.
John Richard Porterfield....	Greenville .....	B. S.
Wightman Melton Rayburn..	Guntersville .....	A. B.
Mamie Richardson .....	Tuscaloosa .....	A. B.
John Ingle Riddle.....	Huntsville .....	A. B.
Arthur Franklin Riser.....	Mill Town .....	B. S.
Lauchlin McKinnon Rozier..	Opp .....	A. B.
Auxford Sumner Sartain....	Oakman .....	A. B.
Augusta Tunstall Searcy....	Tuscaloosa .....	A. B.
Dean L. Smith.....	Madison .....	B. S.
Thomas Luther Smith.....	Blowhorn .....	B. S.
John Milton Snodgrass.....	Scottsboro .....	A. B.
Wm. Collinsworth Steagall..	Abbeville .....	A. B.
Mose Hudson Tapia.....	Mobile .....	A. B.
Ralph Cage Thomas.....	Ashby .....	A. B.
William Pratt Thomas.....	Prattville .....	B. S.
William Travis VandeGraaff.	Tuscaloosa .....	A. B.
Arthur Thomas Veazey.....	LaFayette .....	B. S.
Edward Ebenezer Verner....	Richland, S. C. ....	B. S.
Elma Lucille Warley.....	Mobile .....	A. B.
Aubie Bertram Wells.....	University .....	B. S.
Harry Jones White.....	Birmingham .....	A. B.
Gerald Guinness Woodruff...	Anniston .....	A. B.

## JUNIORS

John Edmund Adams.....	Jackson .....	A. B.
Charles Frederick Anderson.	Birmingham .....	B. S.
James Lamar Appleton.....	Collinsville .....	B. S.
Melson Barfield .....	Lineville .....	B. S.
George Charner Batson.....	Bessemer .....	A. B.
John Crues Bell.....	Brooksville, Mississippi ...	A. B.
Clifton Oliver Blauvelt.....	Maplesville .....	A. B.
Thomas David Boman.....	Heflin .....	B. S.
Anna Elizabeth Boulet.....	Mobile .....	A. B.
Wm. Henderson Branley, Jr.	Troy .....	B. S.

NAME	RESIDENCE	COURSE
Margaret Martha Britton....	Anniston .....	A. B.
Emmett Treadwell Brunson..	Elba .....	B. S.
Levert Daniel Bynum.....	Blountsville .....	B. S.
Charles Walter Campbell....	Columbia .....	A. B.
Clarence Elmore Cason.....	Talladega .....	B. S.
Ethel Bestor Chiles.....	Ensley .....	A. B.
Chappell Cory, Jr.....	Birmingham .....	A. B.
Orville Menees Coston.....	Birmingham .....	A. B.
John Alexander Darby, Jr...	University .....	B. S.
Judson Davie DeRamus....	Verbena .....	B. S.
Roy J. Ellison.....	Altoona .....	B. S.
Norma Fortner .....	Dothan .....	B. S.
Moritz Eichenberg Frohlich ..	Selma .....	B. S.
Samuel Palmer Gaillara....	Mobile .....	A. B.
Robert Lee Glenn.....	Florence .....	B. S.
Jesse Emmett Gray.....	Fayetteville .....	B. S.
William Gray, Jr.....	Dadeville .....	A. B.
Melton Marcus Greene.....	Winfield .....	B. S.
Willice Lavert Grubbs.....	Eva .....	B. S.
Henry Harrison Hale.....	Tuscaloosa .....	A. B.
James Harris Hardy.....	Columbus, Mississippi ...	B. S.
Bryce Wilson Harris.....	Russellville .....	A. B.
Thomas Wade Herren.....	Dadeville .....	A. B.
Annie Euart Hightower....	York .....	B. S.
James Goree Johnson.....	Wetumpka .....	A. B.
John Washington Jones.....	Hartselle .....	A. B.
Roy Wood Kimbrough.....	Thomasville .....	A. B.
Charles Frank Lewis.....	Ozark .....	B. S.
Dana Beryl McCann.....	Tuscaloosa .....	A. B.
Thad Barrow McCarty.....	Slocomb .....	A. B.
Virginia Marion McDuffie...	River Ridge .....	A. B.
Dorothea Dale Mayo.....	Cullman .....	A. B.
Margaret Elizabeth Mitchell.	Anniston .....	B. S.
William Hollie Moncrief....	Prattville .....	B. S.
William Webb Moseley.....	Faunsdale .....	A. B.
Lois Naugher .....	Northport .....	A. B.
James Edward Neighbors, Jr.	Moundville .....	B. S.
Anne Elizabeth Newman....	Buffalo .....	A. B.

NAME	RESIDENCE	COURSE
Jesse James Newman.....	Buffalo .....	B. S.
Sidney Edward Patterson....	Decatur .....	B. S.
Mintie Erin Penn.....	Florence .....	A. B.
Mary Powell .....	Greenville .....	B. S.
Inez Herring Preston.....	Andalusia .....	A. B.
Luney Varnon Ragsdale.....	Bessemer .....	A. B.
Cas Reagan .....	Delta .....	B. S.
Christine Robbins .....	Ensley .....	B. S.
Joseph Robert Rosson.....	Cullman .....	B. S.
Jesse Mercer Rowe.....	Elba .....	B. S.
James Thomas Rowell.....	Selma .....	A. B.
John Douglas Samuels.....	Rockford .....	B. S.
John Thomas Sanders.....	Beatrice .....	B. S.
Camille Tunstall Searcy....	Tuscaloosa .....	A. B.
Elizabeth Allison Smith....	Birmingham .....	A. B.
John Hamilton Smith.....	Bay Minette .....	A. B.
Virginia Lee Stiggins.....	Mobile .....	B. S.
John Paul Stoner.....	Norristown, Pa. ....	B. S.
William Malcolm Tatum....	Prattville .....	A. B.
John Homer Thompson.....	Stroud .....	B. S.
Joseph William Vann.....	Gurley .....	B. S.
Jesse Bethea Walter, Jr....	Snowdoun .....	B. S.
Joseph Almoth Woods.....	New Decatur .....	A. B.

## SOPHOMORES

Ora Louise Adams.....	Tuscaloosa .....	B. S.
Maurice Brewer Amis.....	Meridian, Miss. ....	B. S.
Helen Margaret Armstrong..	Ensley .....	A. B.
Brice Martin Bains.....	Blountsville .....	B. S.
Wesley Monroe Baldwin....	Opp .....	B. S.
Fred St. Clair Ball.....	Montgomery .....	A. B.
Blake Barfield .....	Lineville .....	A. B.
John Overton Barfield.....	Lineville .....	A. B.
Jack Bryant .....	Tuscaloosa .....	A. B.
William Henry Bryce.....	Tuscaloosa .....	B. S.
John Caswell Caffey.....	Hayneville .....	A. B.
Dozier Nath. Cartledge, Jr..	James .....	B. S.



NAME	RESIDENCE	COURSE
John Ganes Chadick.....	University .....	B. S.
Stanhope E. Chamberlain...	Mobile .....	A. B.
Oscar Rollie Chester.....	Camp Hill .....	A. B.
English Clark .....	McMinnville, Tenn. ....	B. S.
Claude Mastin Cleveland....	Mobile .....	B. S.
Katherine Elizabeth Clinton..	Tuscaloosa .....	A. B.
James Joseph Cockrell.....	Lineville .....	A. B.
Benjamin Davis Colley.....	Enterprise .....	B. S.
Clarence Cranford .....	Jasper .....	A. B.
Brewer Dixon .....	Talladega .....	A. B.
Augustus Proal Dorgan.....	Mobile .....	A. B.
Herbert Bascom Dowling, Jr.	Eufaula .....	A. B.
James Asbury Downey, Jr....	Birmingham .....	A. B.
Henry Dunn .....	Roanoke .....	A. B.
B. C. Durham, Jr.....	Florence .....	A. B.
William Timothy Durrett....	Birmingham .....	B. S.
William Lenard Flowers....	Ozark .....	B. S.
Horace Livingston Flurry....	Camp Hill .....	A. B.
Leslie Bruce Flurry.....	Camp Hill .....	A. B.
John Foscue .....	Grove Hill .....	B. S.
Leland Stanford Fuller.....	Marion .....	A. B.
Samuel Gideon Garner.....	Samson .....	A. B.
Charles Claud Greer.....	Bedford .....	B. S.
Laura B. Griffin.....	Tuscaloosa .....	A. B.
Carlisle Brazile Grisham....	Athens .....	B. S.
Joseph Ellzey Hampton.....	Ethelville .....	B. S.
Mamie Lucile Hampton.....	Tuscaloosa .....	B. S.
William Frantz Harper.....	Selma .....	A. B.
Mary Louise Hausman.....	Tuscaloosa .....	A. B.
James Kern Haygood.....	Greenville .....	B. S.
Cecil Modena Hester.....	Russellville .....	A. B.
Daniel Webster Hester.....	Russellville .....	A. B.
Latta Winston Hollis.....	Covin .....	B. S.
Brucy Alexander Hood.....	Oneonta .....	A. B.
Mary Kirkland Horton.....	Tuscaloosa .....	A. B.
Dexter Louis Hovater.....	Russellville .....	B. S.
Norvin Welborn Hunnicutt..	Centerville .....	B. S.
Ernest Oliver Jackson.....	University .....	A. B.

NAME	RESIDENCE	COURSE
Francis Thomas Johnston....	Brundidge .....	B. S.
Edwin Whiting Jones.....	Gurley .....	B. S.
John Andrew Jones.....	Highland Home .....	B. S.
Ralph Lee Jones.....	Roy .....	A. B.
Walter Bryan Jones.....	Huntsville .....	A. B.
William Ellie Jones.....	Camden .....	B. S.
John Percy Kennedy.....	Centerville .....	A. B.
Thomas Edmund Knight, Jr.	Greensboro .....	A. B.
Ira Tullis Lampley.....	Eufaula .....	A. B.
Joseph Asberry Leysath....	Georgiana .....	B. S.
John Minor Lile.....	Leighton .....	A. B.
Rufus Emmett Long.....	Moulton .....	B. S.
John Watson McAlpine, Jr..	Mobile .....	B. S.
Leroy McEntire .....	Decatur .....	B. S.
William Edward McGrath...	Hayneville .....	B. S.
Herbert Glynn Martin.....	Dothan .....	A. B.
Lehman Morris Mayer.....	Demopolis .....	A. B.
Eldridge Washington Maynor	Oneonta .....	A. B.
Foster Mills .....	University .....	B. S.
Walter Mitchell, Jr.....	Mobile .....	A. B.
Leon Maurice Montgomery..	Montgomery .....	B. S.
Joseph McReynolds Moore..	Camden .....	A. B.
Mary Backstrom Moore....	Laurel, Miss. ....	A. B.
Charles Cecil Morgan.....	Tuscaloosa .....	B. S.
James Algernon Nelson.....	Birmingham .....	B. S.
William Harry Nevins.....	Birmingham .....	B. S.
John Clyde Orr.....	Somerville .....	B. S.
David Terrell Overbey.....	Tuscaloosa .....	B. S.
Howard Arrington Parker...	Sylacauga .....	B. S.
Josie Steele Patton.....	Tuscaloosa .....	A. B.
James Samuel Pittman.....	Wehadkee .....	B. S.
Newton Kennedy Plunket....	Greenville, Texas .....	B. S.
Avina Pool .....	Holt .....	B. S.
Harry Carlson Riddle.....	Gurley .....	A. B.
Jesse Pharoah Rogers.....	Tuscaloosa .....	B. S.
John Fisher Rothermel.....	Bay Minette .....	A. B.
John Asa Rountree, Jr.....	Birmingham .....	B. S.
Harry Sam Rowe.....	Elba .....	B. S.

NAME	RESIDENCE	COURSE
Leah Grace Rubenstein.....	Elba .....	A. B.
Alice Marguerite Schaubert..	Laurel, Miss. ....	A. B.
Herman Shulman .....	Troy .....	B. S.
Leslie Gray Simms.....	Eleanor .....	B. S.
Henry Crawford Slaton.....	Mobile .....	A. B.
Ida Ruth Smith.....	Carrollton .....	A. B.
Ora Mae Smith.....	Carrollton .....	B. S.
Ralph Austin Smith.....	Mobile .....	B. S.
Sherrill Alfred Smith.....	Tuscaloosa .....	A. B.
William Columbus Stapleton..	Letohatchee .....	B. S.
Samuel Jackson Steiner.....	Montgomery .....	A. B.
Siegfried Laurence Stern....	Montgomery .....	A. B.
Andrew Jackson Sullivan....	Echola .....	B. S.
Frank Stiggins Tait.....	Camden .....	A. B.
Elsie Asbury Thomas.....	Haleyville .....	B. S.
William Lord Thorington....	University .....	Irreg.
Thomas Ellis Tucker.....	Catherine .....	B. S.
Gilbert Sterling Turney.....	Hartselle .....	B. S.
Cherokee J. VandeGraaff....	Tuscaloosa .....	A. B.
Irene Matilda Waldhorst....	Birmingham .....	A. B.
Henry Otis Walker.....	Huntsville .....	B. S.
Marion Louise Walter.....	Birmingham .....	B. S.
William Gomez Ward.....	Mobile .....	B. S.
Charles Jacob Weil.....	Montgomery .....	A. B.
William Vance Wier.....	Gadsden .....	B. S.
Merritt Luther Winkle.....	Madison .....	B. S.
Joseph Jackson Willett, Jr...	Anniston .....	A. B.
Frank K. Williams.....	Townley .....	B. S.
William Sidney Wilson, Jr...	Dothan .....	B. S.
Whitten Maurice Windham...	Millport .....	A. B.

## FRESHMEN

Jasper Terry Acuff.....	Jasper .....	A. B.
Samuel Wesley Adams.....	Clanton .....	A. B.
Virgil Cornelius Adams....	Talladega .....	B. S.
Rucker Agee .....	Birmingham .....	B. S.
Samuel Jones Albritton.....	Camden .....	B. S.
Thomas Alexander .....	Moulton .....	B. S.

NAME	RESIDENCE	COURSE
Irma Elizabeth Anderson....	Eutaw .....	B. S.
Lillian Vernetta Athey.....	Freemanville .....	B. S.
Edward Willis Barnett.....	Birmingham .....	A. B.
Carl Quintus Baxter.....	Heflin .....	B. S.
John Cullen Beard.....	Carson .....	A. B.
Emmett Edson Bennett.....	Louisville .....	B. S.
Charles William Blair, Jr....	Eufaula .....	B. S.
Foy Ernest Blue.....	Elba .....	B. S.
Alfred Morgan Boone.....	Berry .....	B. S.
James Albert Boone.....	Samantha .....	B. S.
Henry Elbert Bowen.....	Horton .....	B. S.
Wilma Pearl Bowen.....	Oneonta .....	B. S.
John Crow Bowers.....	Tuscaloosa .....	A. B.
James Chester Brewer.....	Collinsville .....	B. S.
Harry Blackwell Brock.....	Fort Payne .....	B. S.
Marion Brown .....	Tuscaloosa .....	B. S.
Frank Hargrove Buck.....	Elba .....	B. S.
Elizabeth Burton .....	Tuscaloosa .....	A. B.
Ela Reid Card.....	Tuscaloosa .....	A. B.
James Benjamin Carlisle....	Alexander City .....	A. B.
Milton W. Carothers.....	Selma .....	B. S.
Julius Vernon Cassels.....	Decatur .....	B. S.
Henry Grady Caudle.....	Guin .....	B. S.
Dwight Cassius Chestnut....	Gaylesville .....	B. S.
Charles Holmead Chichester.	Birmingham .....	B. S.
John D. Chichester, Jr.....	Birmingham .....	Irreg.
Edward Watkins Christopher.	Isney .....	B. S.
Pressley Welch Cleveland....	Selma .....	B. S.
James Drewey Comer.....	Eufaula .....	B. S.
Fred P. Corvin.....	Blountsville .....	B. S.
Robert Royce Crawford....	Dothan .....	B. S.
John Pierce Culver.....	Dothan .....	B. S.
John Andrew Davis.....	Fort Payne .....	B. S.
Hinton King Delony.....	Tuscumbia .....	B. S.
John Winton Deming.....	Evergreen .....	Irreg.
John Lofton Denney.....	Mill Town .....	B. S.
Chauncey Rhodes Dent.....	Eufaula .....	B. S.
Anna Catherine DeVere.....	Tuscaloosa .....	B. S.

NAME	RESIDENCE	COURSE
William Jackson DeVere....	Tuscaloosa .....	B. S.
Oliver Mathis Dooly.....	Boaz .....	A. B.
James Edward Dowe, Jr....	Montgomery .....	A. B.
Vivian Ellis Downey.....	Putnam .....	B. S.
Henry Belfield Dugger.....	Tuscaloosa .....	B. S.
Edward DeVan Dumas.....	Mobile .....	B. S.
Clifford Judkins Durr.....	Montgomery .....	A. B.
Findley Brown Durrett.....	Northport .....	B. S.
Alfred Leon Dyer.....	Stanton .....	A. B.
Edgar Barnwell Elebash....	Selma .....	B. S.
Lamar Daugherty Eyster....	Athens .....	A. B.
John Roy Faucett.....	Northport .....	A. B.
Gertrude Irene Flippen.....	Tuscaloosa .....	B. S.
John Byron Ford.....	Alexander City .....	B. S.
William Stuart Foshee.....	Chapman .....	B. S.
John Graham Foster.....	Stevenson .....	B. S.
Julian Barringer Foster.....	University .....	B. S.
Sterling J. Foster, Jr.....	Birmingham .....	B. S.
Henry Stratton Fowlkes....	Birmingham .....	A. B.
Samuel George Frey, Jr....	Birmingham .....	A. B.
Clarence Edwin Frost, Jr....	Athens .....	A. B.
Marion Toulmin Gaines.....	Toulminville .....	B. S.
William Hunter Garlington..	Walnut Grove .....	B. S.
Edgar Earl Garrison .....	Birmingham .....	B. S.
Charles Linn Gay, Jr.....	Montgomery .....	B. S.
Cato Douglass Glover, Jr....	Montgomery .....	B. S.
George McInvale Grant.....	Louisville .....	B. S.
Malcolm McNeill Grant.....	Birmingham .....	B. S.
Ulysses Sherman Gray.....	Attalla .....	A. B.
Benjamin Francis Green....	Dothan .....	B. S.
Augustine Walker Hampton..	Ethelsville .....	B. S.
Kate Hardage .....	New Decatur .....	B. S.
James Hardin .....	Gordo .....	B. S.
Ina Morris Harper.....	Uriah .....	A. B.
Anna Katherine Hatch.....	Tuscaloosa .....	Irreg.
Eugene Hargrove Hawkins..	Bessemer .....	A. B.
Gerald A. Henderson.....	Troy .....	B. S.
Albert Gallatin Henry.....	Guntersville .....	B. S.



NAME	RESIDENCE	COURSE
Bernhard Friedman Herzberg	Gadsden	B. S.
George Dewey Hicks	Jackson	A. B.
John Burton Higgins	Clanton	B. S.
Hardy Foster Hill	Tuscaloosa	A. B.
Allen Hines	McWilliams	B. S.
Joseph Emmet Hirsh	Birmingham	B. S.
Stephen Williams Hixon	Monroeville	A. B.
Emory Olus Holliman	Vernon	B. S.
William Bryan Holmes, Jr.	Birmingham	A. B.
Aubrey Hornsby	Eclectic	B. S.
Walter East Hovater	Russellville	B. S.
John Valentine Howell, Jr.	Marion	B. S.
James Robert Hughes	Madison	B. S.
William James Hullett	Birmingham	B. S.
George Waring Huston	Selma	B. S.
Willard Corey Hutchens	Huntsville	B. S.
Adrian Irvine	Spring Hill	B. S.
Barton Cooper Isbell	Tuscumbia	A. B.
Oscar Maurice Israel	West Blocton	B. S.
Carl Clare Jamison	Tuscaloosa	B. S.
Genevieve Cordelia Jarvis	Mobile	B. S.
George Anderson Johnston, Jr.	Clayton	B. S.
Thomas Henry Johnston	Selfville	B. S.
T. M. Jones, Jr.	Decatur	B. S.
Thomas Sheril Jones	Rockford	B. S.
Franklin Scott Land	Eclectic	A. B.
Judson Landers	Gadsden	B. S.
Gideon Rice Langdon	Reform	B. S.
Robert Ernest Lee	Center	A. B.
Wallace Thomas Lee	Columbia	A. B.
Luther David Lehman	Huntsville	A. B.
William Archibald Leland, Jr.	Tuscaloosa	A. B.
Leslie Clarke Longshore	Columbiana	A. B.
Ida Virginia Lusk	Guntersville	A. B.
Margaret Carolyn McCalla	New Decatur	B. S.
Sarah Marr McCormick	Georgiana	B. S.
Joseph Finley McCorvey	Monroeville	A. B.
William Gilbert McCorvey	Monroeville	A. B.

NAME	RESIDENCE	COURSE
Erwin Julian McCrossin.....	Birmingham .....	B. S.
James Richard McDaniel....	Whitfield .....	B. S.
Mary Helen McGiffert .....	Tuscaloosa .....	B. S.
James Earl McGowin .....	Chapman .....	B. S.
Lucius Marcellus McIntosh..	Dadeville .....	Irreg.
Thomas Morton McMillan...	Monroeville .....	A. B.
James Allison McNeill .....	Memphis, Tenn. ....	B. S.
Hobart Amory McWhorter..	Gaylesville .....	B. S.
George William Mainard ....	New Decatur .....	B. S.
Patrick Cleburne Malone ....	Athens .....	A. B.
David Hatton Marbury.....	Marbury .....	B. S.
Ernest Leonard Marbury....	Marbury .....	B. S.
Frank Wynton Mason.....	Brewton .....	B. S.
William Calvin Maxwell.....	Atmore .....	B. S.
Lida Bell May.....	Fort Payne .....	A. B.
Roland Moore Meyer.....	Montgomery .....	A. B.
William Bryan Middlebrooks..	Camden .....	B. S.
John Alonzo Miller .....	Nanafalia .....	A. B.
Stuart Mims .....	Birmingham .....	A. B.
Everette Whitfield Moncrief..	Prattville .....	B. S.
Wilhelmina Monnish .....	Tuscaloosa .....	B. S.
Benjamin Franklin Moore, Jr.	Birmingham .....	B. S.
William Provost Moore.....	Birmingham .....	B. S.
John Wylie Moreland.....	Mobile .....	B. S.
Lollie Turner Moseley.....	Tuscaloosa .....	A. B.
Lee Roy Murphree.....	New Decatur .....	B. S.
Clyde H. Nelson .....	Columbiana .....	B. S.
Terry Tennis Nesmith.....	Vernon .....	B. S.
Clyde Franklin Nichols .....	Decatur .....	B. S.
Ralph Waldo Noojin .....	Gadsden .....	B. S.
George S. O'Neal .....	Birmingham .....	B. S.
Agnes Lillian Owen .....	Ashland .....	A. B.
George Dewey Owen .....	Ashland .....	A. B.
Gordon Davis Palmer .....	Ensley .....	B. S.
John S. Patterson .....	Slocumb .....	B. S.
Paul Mayhew Penney.....	Birmingham .....	B. S.
Frederick Eugene Perry.....	Birmingham .....	B. S.
Robert Roy Pippin.....	Ozark .....	B. S.

NAME	RESIDENCE	COURSE
John Singleton Pitts .....	Columbiana .....	B. S.
Ivor Martist Powell.....	Birmingham .....	B. S.
Laurence Vernon Powell....	Red Level .....	A. B.
Lee Burr Ramage .....	Brundidge .....	B. S.
Beryl Rogers .....	Birmingham .....	A. B.
William Philemon Rossiter..	Birmingham .....	A. B.
Charles Lee Rowe .....	Elba .....	A. B.
Stephen Emmett Rowe.....	Elba .....	B. S.
Laurence Lionel Saks.....	Birmingham .....	B. S.
Frank Norman Savage.....	Center .....	A. B.
Robert Winford Sawyer....	Columbiana .....	B. S.
Andrew Greer Scarborough..	Tuscaloosa .....	A. B.
Johnson Beard Scarce.....	Tuscaloosa .....	B. S.
James Loveless Seibold.....	North .....	B. S.
John Ferris Sewell .....	Wetumpka .....	B. S.
William Jefferson Sizemore..	Albertville .....	B. S.
Henry Belt Slaughter.....	Marion .....	B. S.
Pendleton J. Slaughter.....	Marion .....	B. S.
Lafayette Jefferson Smith...	Sylacauga .....	B. S.
James Robert Snow.....	Winfield .....	B. S.
Orman Storey .....	Stafford .....	B. S.
Graves Wayland Styles.....	Gurley .....	A. B.
Felix Tankersley .....	Hope Hull .....	A. B.
Seaborne Herbert Tanner....	Hartselle .....	A. B.
Joab Langston Thomas.....	Ashby .....	B. S.
Jonathan Callaway Thomas..	Goodwater .....	A. B.
Vera Elizabeth Thomas.....	Birmingham .....	A. B.
Daniel Blackstone Thompson.	Wetumpka .....	B. S.
Hoyt Alpheus Thompson....	Stroud .....	B. S.
Thomas Plant Tompkins....	Grove Hill .....	B. S.
Allison VanNette .....	Bay Minette .....	B. S.
Zora Baker Walker.....	Camp Hill .....	Irreg.
Claude Daverne Wallace.....	Ashby .....	B. S.
William Walne Wallace.....	Ackerville .....	B. S.
Paul Desha Warren .....	Branchville .....	B. S.
Oliver J. Willoughby.....	Crosby .....	Irreg.
Benjamin Franklin Wilson, IV.	Shelby .....	B. S.
Burk Wingard .....	Wilsonville .....	A. B.

NAME	RESIDENCE	COURSE
Albert Barr Wright.....	Tuscaloosa .....	B. S.
Eudora M. Yerby .....	Tuscaloosa .....	Irreg.
Gertrude Yerby .....	Tuscaloosa .....	A. B.
Kathleen Yerby .....	Tuscaloosa .....	A. S.
Herbert Vernon Young.....	Tuscaloosa .....	B. S.

## SPECIAL STUDENTS

NAME	RESIDENCE
John Clement Avant.....	Tuscaloosa
Frank Larey Butts.....	Ethelsville
Joseph Warren Calhoun.....	Cottonwood
Hobart A. Fellows.....	Laurel, Miss.
James Leo Finklea .....	Buena Vista
Robert James Fuller.....	Mobile
Trigg W. Naugher.....	Northport
Joseph William Samuels.....	Rockford
James Ernest Williams.....	Ensley
John H. Williams .....	Townley
Hernando DeSoto Wilson.....	Northport

## COLLEGE OF ENGINEERING

## GRADUATE STUDENTS

NAME	RESIDENCE	COURSE
Stark Orlando Park.....	Alexander City.....	C. E.

## SENIORS

Emmett Norman Barnes.....	Ozark .....	Ch. E.
Charles Carson Busbee.....	Mobile .....	M. E.
Charles Jackson Cargile.....	Bessemer .....	M. E.
Charles Richardson Dickinson.	Birmingham .....	E. E.
Yo Chan Hu .....	Ningpo, China .....	M. E.
Thomas Daniel Johnson.....	Ozark .....	C. E.
Henry Benton Love .....	New Market .....	C. E.
Harry Jones McCormack....	Birmingham .....	E. M.
Robert Thomas Palmer.....	Jasper .....	E. E.
Alonzo Brown Prude.....	Tuscaloosa .....	C. E.

NAME	RESIDENCE	COURSE
Lewis Martin Smith.....	Birmingham .....	E. E.
Burl Stevens Watson.....	Lincoln .....	E. E.
John King Woolf .....	Demopolis .....	C. E.

## JUNIORS

Samuel Henry Andrews, Jr....	Jackson .....	C. E.
Jeter George Dickinson, Jr....	Evergreen .....	E. E.
Allen Fulton Frazer.....	Montgomery .....	E. E.
Russell Lawrence Jenkins....	New Decatur .....	Ch. E.
Lynne McHugh .....	Birmingham .....	E. E.
Henry Manning McPhillips..	Mobile .....	M. E.
Thomas Cummings Manning.	Talladega .....	C. E.
Robert Newton Pitts .....	Pittsview .....	M. E.
Joel Herron Rainer.....	Union Springs .....	C. E.
Calhoun Stephen Saul.....	Montgomery .....	E. E.
John Ray Ulmer .....	Butler .....	E. M.

## SOPHOMORES

Steadham Acker .....	Birmingham .....	Ch. E.
Alexander Cornelius Ashbaugh.	Tuscaloosa .....	E. E.
Charles Franklin Barclay....	Paint Rock .....	E. E.
Lester Tucker Boyles.....	Thomasville .....	C. E.
Troy Crampton Brannan....	Mobile .....	C. E.
Atwell Johnston Brown....	Birmingham .....	M. E.
Basil Manly Burks .....	Tuscaloosa .....	M. E.
Alex Thompson Cecil.....	Birmingham .....	E. E.
John Evans Cozine.....	Tuscaloosa .....	C. E.
Ray Michael Dowe.....	Montgomery .....	M. E.
Creighton Wanless Duffey...	Boaz .....	E. E.
Preston Sidney Findley.....	Tuscaloosa .....	C. E.
Clinton Lafayette Franklin...	Tuscaloosa .....	C. E.
Charles Williamson Glover...	Montgomery .....	E. E.
Robert Mickleberry Hall....	Hurtsboro .....	C. E.
Ernest Lee Hendrix .....	Coker .....	C. E.
Ottis Erick Howell.....	Moundville .....	E. E.
H. A. Johnson, Jr. ....	Ozark .....	Ch. E.
Elgin Johnson .....	Tuscaloosa .....	E. E.



NAME	RESIDENCE	COURSE
Thomas Nicholas Johnson	Florence	E. E.
William Anton Koeppel	Tuscaloosa	E. E.
William Edmund P. Lakeman	Haleyville	C. E.
Bryan Verner Lawson	Lincoln	E. E.
John McArthur, Jr.	Moss Point, Miss.	E. E.
William Hayes Mason	Woodstock	E. M.
Luther Henderson Maxwell, Jr.	Tuscaloosa	M. E.
Samuel Russell Morgan	Hanceville	E. E.
James Kenneth Morris	Tuscaloosa	C. E.
Lowndes Davis Morton	Birmingham	E. M.
Edwin Theodore Parker	Mobile	E. E.
Samuel Houston Power	Opelika	E. E.
William Jewell Whatley	Birmingham	E. M.
Amon Cullen Windham	Ozark	E. E.

## FRESHMEN

Eugene Hamilton Alston	Tuscaloosa	E. E.
John Powell Baker	Tuscaloosa	E. E.
Hampton Banks	Eutaw	E. E.
William Gardner Boone	Tuscaloosa	E. E.
Benjamin Franklin Borom	Tuscaloosa	Ch. E.
Constantine Perkins Caldwell	Birmingham	M. E.
Thomas Hamilton Chilton	Montgomery	E. E.
Melford Goldsmith Cleveland	Birmingham	Ch. E.
Ernest Lumpkin Cone	Montgomery	E. E.
James Harry Cowan	Stevenson	E. E.
Duncan Stewart Easterling	Tuscaloosa	E. E.
George Christian Faucett	Northport	E. E.
Frederick Mewborn Fisk	Montgomery	E. M.
Joseph Sidney Gelders	Birmingham	Ch. E.
Josiah Arthur Gibson	Birmingham	E. E.
Lee Owen Gordon	Mobile	E. E.
William Melvin Haas	Crichton	E. E.
Bolling Hall	Coosada	C. E.
Carl Hunter Johnston	Boligee	M. E.
Leonard Columbus Kyle	Tuscaloosa	E. E.
Millard Early Langdon	Reform	Ch. E.
Robert Francis Leftwich	Mobile	E. E.

NAME	RESIDENCE	COURSE
James Henry Lindsey .....	Northport .....	M. E.
Charles Payne McNeill .....	Shiloh .....	C. E.
Terrell Alberta Mitchell.....	Tuscaloosa .....	C. E.
Allen Morgan .....	Tuscaloosa .....	M. E.
John C. Oglesby .....	Florence, S. C. ....	M. E.
Walter Steele Patton, Jr.....	Tuscaloosa .....	E. E.
Robert Lycurgus Petty, Jr....	Clayton .....	E. E.
William Couch Randolph.....	Andalusia .....	E. E.
John Wesley Read .....	Tuscaloosa .....	E. E.
Herbert Hudson Robinson...	Birmingham .....	E. M.
John Madison Sherer .....	Jasper .....	C. E.
David Skolnik .....	Brooklyn, N. Y. ....	C. E.
Raymond Jackson Staggers...	Benton .....	E. E.
Claude Stallworth .....	Tuscaloosa .....	E. E.
Lovick L. Stephenson, Jr.....	Lovick .....	E. E.
Donald Hobson Thornbury...	Birmingham .....	Ch. E.

## SPECIAL STUDENTS

NAME	RESIDENCE
Robert Lee Cummins.....	Birmingham
Vern Lee Thompson .....	El Centro, California
Gerardo Fernandez Vina.....	Santiago de Cuba

## STUDENTS IN ARTS AND SCIENCES AND ENGINEERING

Mary Barrett Ashbaugh.....	Tuscaloosa
John Alexander Darby, Jr. ....	University
Lamar Daugherty Eyster .....	New Decatur
John Graham Foster .....	Stevenson
Cato Douglass Glover, Jr. ....	Montgomery
Melton Marcus Greene .....	Winfield
Albert Gallatin Henry .....	Guntersville
T. M. Jones, Jr. ....	Decatur
Leroy McEntire .....	Decatur
James Earl McGowin .....	Chapman
Ernest Leonard Marbury .....	Marbury
Jackson Lavelle Morrow .....	Plantersville

NAME	RESIDENCE
James Algernon Nelson .....	Birmingham
Terry T. Nesmith .....	Vernon
John H. Williams .....	Townley

## SCHOOL OF LAW

## SENIORS

James McLeod Adams (U. of A.) .....	Huntsville
Elijah Granville Avery .....	Hamilton
George Elbert Barnett (A. B., U. of A.) .....	Rogersville
Henry Herndon Barnett (A. B., U. of A.) .....	Fitzpatrick
Levi Becker (U. of A.) .....	Jasper
Liston Creton Bell (U. of A.) .....	Coker
Harwood Christian Bowman .....	Montgomery
James Edgar Bowron (B. S., U. of A.) .....	Birmingham
Rollin Browne (A. B., U. of A.) .....	Talladega
William Matthew Brunson (U. of A.) .....	Elba
Eugene Walter Carter (Southern Dental Col.) ...	Montgomery
Arthur Bounds Chilton .....	Montgomery
Clare Collins (Alabama Girls Technical Institute) ...	Geneva
Littleberry Calhoun Collins (B. S., A. P. I.) .....	Gallion
Kenneth Ezelle Cooper (Southern University) ..	Wynne, Ark.
Ben Walker Curry (University of Colorado) .....	University
William George Dooly (U. of A.) .....	Boaz
William Brice Dortch (Grad. U. S. Naval Acad.) ...	Gadsden
Benjamin James Dryer .....	Huntsville
Joseph Frank Duke (A. B., Howard College) .....	Gadsden
Evans Dunn (Washington and Lee University) ..	Birmingham
Philip Edwards (U. of A.) .....	Birmingham
Ellis Epstein .....	Birmingham
Burdette Garrison .....	Birmingham
Frederick True Given (U. of A.) .....	Gurley
Herbert Leon Guin (Grad. Florence Nor. School) ..	Kennedy
John Thomas Hagerty, Jr. (Georgetown Univ.) ...	Bessemer
Griffith Rutherford Harsh (B. S., U. of A.) ...	Birmingham
William Lesuer Harsh (LL. B., U. of A.) .....	Birmingham
Maurice Emmette Harvey .....	Oneonta
Oliver Lynn Haynes (Washington and Lee Univ.) ..	Birmingham
Arley Ezra Hughes .....	Kennedy

NAME	RESIDENCE
James Fred. Johnson, Jr. (A. B., U. of A.)	Florence
William Norville Johnston	Mobile
Charles West Joplin (U. of A.)	Gurley
John Milton Ladd (U. of A.)	Mobile
Julian Elliott Latham (U. of A.)	Clanton
Charles Arthur Lewis (U. of A.)	Eutaw
Judson Cleveland Locke (Marion Institute)	Centerville
Robert Elmore McAdory	Birmingham
William Henry McGowen (U. of A.)	Cuba
Ethridge McCoy Manning (A. B., U. of A.)	Talladega
Manly Foster Meador (B. S., A. P. I.)	Myrtlewood
John Austin Moore (Washington and Lee Univ.)	Birmingham
Rockford Somerville Parks (Marion Institute)	Andalusia
William Bankhead Perry (U. of A.)	Jasper
Calvin Poole (A. B., U. of A.)	Greenville
Melford William Pratt	Centerville
Olive Dorothy Richard	Mobile
William Conner Samford (A. P. I.)	Montgomery
Elven Wave Scott	Cullman
Ernest Kimbrough Staggers (A. B., U. of A.)	Benton
James Monroe Ward (Southern University)	Tuscaloosa
Cornelius Sheldon Whittelsey, Jr. (U. of A.)	Opelika
Walter Herren Wilson (B. S., A. P. I.)	Opelika
Thomas Harvey Wright	Arab

## JUNIORS

Thomas Clifton Almon (A. P. I.)	New Decatur
Virgil Oates Barnard (A. B., U. of A.)	Ozark
Nathan Solomon Bearman	Birmingham
Columbus Booth	Buhl
Jefferson Denman Box (U. of A.)	Vernon
John Robert Boyle (A. P. I.)	Birmingham
William Emmett Brooks (A. P. I.)	Brewton
John Wesley Brown, Jr. (A. B., U. of A.)	Sylacauga
Joshua Quintin Buzbee (U. of A.)	Sipsey
Robert Buell Buzbee (U. of A.)	Sipsey
Charles Elmore Carmichael (U. of A.)	Tuscumbia

NAME	RESIDENCE
Robert Bryan Carr (Southern University).....	Hamilton
Jack Breeden Chadwick (Vanderbilt University) ..	Birmingham
Samuel Francis Clabaugh (M. A., U. of A.).....	Tuscaloosa
Thomas William Cobb .....	Prattville
John Fant DeMoville (U. of A.).....	Boligee
James Stewart Edson (U. of A.) .....	Montgomery
John Jackson Farris, Jr. (A. B., U. of A.).....	Elba
John Claude Fleming .....	Banks
John McDavid Flowers (Vanderbilt University).....	Dothan
Stuart Harrison Frazer (U. of A.) .....	Birmingham
Charles West Greer (A. B., U. of A.) .....	Birmingham
James Holden Hagan (U. of A.) .....	Mobile
Hubert Morton Hall (U. of A.) .....	Bay Minette
Leonard Pratt Harvey (U. of A.) .....	West Blocton
M. DuBose Ivey, Jr. ....	Talladega
William Hubert Kilgore .....	Jasper
Joseph Alex Little .....	Bessemer
Orestus Erasmus Little (Valparaiso University)...	University
Julian Byrnes McPhillips (B. S., Spring Hill College) ..	Mobile
Benjamin Tarver McWhorter (St. Bernard Col.) ..	Hayneville
Roy Hunt Manly .....	Birmingham
Thomas Emmet Martin (St. Bernard College)...	Montgomery
John Ellyson Meredith (Grad. U. S. Naval Acad.) ..	Tuscaloosa
Milton Casey Moorer .....	Evergreen
Wilbur Bernard Nolen .....	Alexander City
John Wardlaw Rabb .....	Dothan
John Wesley Rish .....	Tuscaloosa
Isaac Jasper Rogers (U. of A.) .....	Vina
John Sankey (Alabama Presbyterian College)...	Montgomery
Paul Grover Scarce (U. of A.) .....	Tuscaloosa
Robert Tennent Simpson (A. B., U. of A.).....	Florence
Hector Embree Smith .....	Mobile
Thomas Houston Smith .....	Rockford
Norborne Clarke Stone .....	Bay Minette
John Kepler Taylor (A. B., U. of A.).....	Birmingham
Henry Luther Tidwell .....	Albertville
William Warren Wilkerson (A. P. I.).....	Birmingham



NAME	RESIDENCE
Edward Williams (Colorado College) . . . . .	Walsen, Colorado
Jesse J. Wright (U. of A.) . . . . .	West Blocton

## SPECIAL STUDENTS

Olin Nashwell Adams . . . . .	Demopolis
Louis Claude Albright . . . . .	Taft, Tenn.
John Norville Allen . . . . .	Mobile
Rogers Bite . . . . .	Birmingham
Dock Fulton Black . . . . .	Boaz
Robert Elmore Cunningham . . . . .	Mobile
Graham Stansel Hinton . . . . .	Carrollton
J. S. McLendon . . . . .	Ashville
William Morton Mix, Jr. . . . .	New Decatur
George Cabell Outlaw . . . . .	Mobile
Rufus Lafayette Popwell . . . . .	Clanton
Joseph Stone . . . . .	Bessemer
William Chambers Waller . . . . .	Montgomery

## STUDENTS IN ARTS AND SCIENCES AND LAW

George Jones Alston, Jr. . . . .	Tuscaloosa
John Spiers Bibb . . . . .	Elmore
Stuart Coleman . . . . .	Birmingham
Herbert Lyman Findley . . . . .	Tuscaloosa
Arthur Green . . . . .	Bessemer
Maurice Emmett Harvey . . . . .	Oneonta
Luther Lyons Hill, Jr. . . . .	Montgomery
James Lamar McCann . . . . .	Tuscaloosa
Mamie Richardson . . . . .	Tuscaloosa
John Milton Snodgrass . . . . .	Scottsboro
William Malcolm Tatum . . . . .	Prattville
Henry Luther Tidwell . . . . .	Albertville
William Warren Wilkerson . . . . .	Birmingham

## SCHOOL OF EDUCATION

## ENROLLMENT 1915-16

John Edmund Adams	George Jones Alston, Jr.
Ora Louise Adams	Irma Elizabeth Anderson
Ruth Linton Allen	James Lamar Appleton

Mary Barrett Ashbaugh  
Wesley Monroe Baldwin  
Fred St. Clair Ball  
Blake Barfield  
Melson Barfield  
George Charner Batson  
Carl Quintus Baxter  
Rogers Bite  
Foy Ernest Blue  
Anna Elizabeth Boulet  
Thomas David Boman  
Margaret Martha Britton  
Carolyn Louise Brown  
Kathrina Brown  
Jack Bryant  
Lucie Eddins Buchanan  
Thomas S. Bugg  
Maline Burns  
Frank Larey Butts  
Levert Daniel Bynum  
John Leslie Carmichael  
Dozier Nath. Cartledge, Jr.  
Clarence Elmore Cason  
John Ganes Chadick  
Stanhope E. Chamberlain  
Roe Chapman  
Charles Holmead Chichester  
Ethel Bestor Chiles  
Mabel Chilton  
James Chrietzberg  
Pressley Welch Cleveland  
Claude Mastin Cleveland  
James Joseph Cockrell  
Edna Cohen  
Stuart Coleman  
Daphne Cunningham  
John Cottingham Curry  
John Alexander Darby, Jr.  
Judson Davie DeRamus

Lenna Denney  
Herbert Bascom Dowling  
Blevins Coke Dunklin  
Henry Dunn  
Harriet Erline Durrett  
Roy J. Ellison  
Irene Erwin  
Elvira Katherine Farrah  
John Claude Fleming  
William Lenard Flowers  
Lula Glaze Flinn  
Norma Fortner  
Arthur Key Foster  
Margaret Foster  
Leland Stanford Fuller  
Solomon Garden  
Samuel Gideon Garner  
Jesse Hamilton Graves  
Jesse Emmett Gray  
Melton Marcus Greene  
Charles Claud Greer  
Laura Griffin  
Carlisle Brazile Grisham  
Willice Lavert Grubbs  
Arthur McArthur Hamilton  
Mamie Lucile Hampton  
Kate Hardage  
James Harris Hardy  
William Frantz Harper  
Bryce Wilson Harris  
Grace Savanna Harrison  
Maurice Emmette Harvey  
Anna Katherine Hatch  
James Kern Haygood  
Connie Ray Helms  
Thomas Wade Herren  
Daniel Webster Hester  
Cecil Modena Hester  
John Burton Higgins

Annie Euart Hightower	Virginia Marion McDuffie
William Shafer Hinton	Corley Campbell McEachern
Latta Winston Hollis	William Edward McGrath
Brucy Alexander Hood	Osgood Cook McIntyre
Mary Kirkland Horton	Clyde McKay
Barton Cooper Isbell	Mamie McKay
Gordon Rosewell Isbell	Rubie McKay
Genevieve Cordelia Jarvis	James Allison McNeill
Ernest Oliver Jackson	Lois Naugher
James Goree Johnson	James Edward Neighbors, Jr.
Lucian Jones	George Frederic Neilson
John Washington Jones	James Algernon Nelson
Henry Thomas Jones	Anne Elizabeth Newman
Roy Wood Kimbrough	Jesse James Newman
Beatrice Kitchens	Albert Foster Norton
Clifford Lanier Lamar	Marion Lamar Oakley
Fred Albert Lewis	David Terrill Overby
William Archibald Leland, Jr.	Claudia Angeline Paisley
John Minor Lile	Frank Davis Parham
Rufus Emmett Long	Howard Arrington Parker
Wallace Davis Malone	James Overby Pearson
Roy Hunt Manly	John Hale Pearson
Randolph Tucker Marshall	Mintie Erin Penn
Herbert Glynn Martin	Roy Lindsay Phillips
Robert Gordon Martin	James Samuel Pittman
Lehman Morris Mayer	Avina Pool
Dorothea Dale Mayo	Rufus Lafayette Popwell
Ethridge Washington Maynor	John Richard Porterfield
John Conley Merchant	Laurence Vernon Powell
Foster Mills	Mary Powell
William Henry Milner	Inez Herring Preston
Margaret Elizabeth Mitchell	Luney Varnon Ragsdale
William Hollie Moncrief	William Melton Rayburn
Jackson Lavelle Morrow	Cas Reagan
William Webb Moseley	John Ingle Riddle
Oscar Galileo Myers	Arthur Franklin Riser
Louise Marshall McCain	Christine Robbins
Dana Beryl McCann	Jesse Pharoah Rogers
James Lamar McCann	Joseph Robert Rosson

Lauchlin McKinnon Rozier	Felix Tankersley
Harry Sam Rowe	Mose Hudson Tapia
Stephen Emmett Rowe	William Malcolm Tatum
James Thomas Rowell	Elzie Asbury Thomas
Leah Grace Rubenstein	Ralph Cage Thomas
Laurence Lionel Saks	Hoyt Alpheus Thompson
Joseph William Samuels	John Homer Thompson
John T. Sanders	Henry Luther Tidwell
Auxford Sumner Sartain	Thomas Ellis Tucker
Alice Marguerite Schauber	Gilbert Sterling Turney
William Seale	Joseph William Vann
Augusta Tunstall Searcy	Arthur Thomas Veazey
Camille Tunstall Searcy	Edward Ebenezer Verner
John Ferris Sewell	Irene Matilda Waldhorst
Leslie Gray Simms	Henry Otis Walker
William Jefferson Sizemore	Claude Davern Wallace
Henry Belt Slaughter	Marion Louise Walter
Elizabeth Allison Smith	Elma Lucille Warley
Ida Ruth Smith	Charles Jacob Weil
John Hamilton Smith	Aubie Bertram Wells
Ora Mae Smith	Harry Jones White
Thomas Luther Smith	William Vance Wier
James Robert Snow	Wm. Washington Wilkerson
William Collinsworth Steagall	Frank K. Williams
Siegfried Laurence Stern	Oliver J. Willoughby
Virginia Lee Stiggins	Gerald Guinness Woodruff
John Paul Stoner	Joseph Almoth Woods

## SCHOOL OF MEDICINE

## GRADUATE STUDENTS

NAME	RESIDENCE
B. F. Anderson, M.D. ....	Montgomery

## SENIORS

Floyd Lamar Abernathy .....	Flomaton
Arthur McCluney Cowden .....	Oneonta
Lawrence Bryant Farrior .....	Clayton
Henry Wiley Grady (B. S., A. P. I.) .....	Stroud

NAME	RESIDENCE
Alex W. Graves	Talladega
Frank Leroy Haley (M. S., Univ. of Mich.)	Mobile
James Young Hamil	Troy
William Campbell Hannon	Montgomery
Riley Monroe Hayes	Chilton County
Robert H. Lister	Gadsden
Daniel James Long, Jr.	Chatom
George Clark Marlette (B. S., U. of A.)	Hayneville
Brack Coleman Payne	Birmingham
Emmett Eugene Pollard	Luverne
Ralph Emmett Porter	Scottsboro
William Llewellyn Staggers (B. S., Univ. of South)	Benton
Jesse James Walls	Ashland
Jerre Watson	Montgomery

## JUNIORS

John Clausel Adams	Mobile
Burton Forsyth Austin	Chancellor
John Coleman Bragg	Moulton
Frank H. Clements	Athens
Fred Crenshaw	Montgomery
Robert Emmett Dixon (B. S., A. P. I.)	Sumterville
John Decatur Durden	Montgomery
Hillie Robert Dykes	Clio
Carl Thomas Jones	Newville
John Howard Kellis	Shuqualak, Miss.
Alto Leon Kelly	Taylor
Monte Leroy Moorner	Farmersville
Travis Stansell Moring	Abbeville
William Newbury McClurkin	Caledonia
Emit Colquit Ray	Andalusia
William Richard Rosseau	Huntsville
Joe Flournoy Rowe	Elba
Mercer Rowe	Elba
Lewis Edmond Sorrell	Jemison
Benjamin Franklin Thomas	Salem
Laban Benjamin Underwood	LeGrand



NAME	RESIDENCE
Shellie James Gaddy .....	Bond, Miss.
Jerry Walter Gwin .....	Bessemer

## SOPHOMORES

Hale Albert Caldwell (A. B., A. P. C.) .....	Anniston
Thomas DeWitt Cowles (A. B., H. H. C.) ...	Highland Home
Emmett Baxter Frazer (B. S., U. of A.) .....	Mobile
Clarence Kelly Gilder .....	Carbon Hill
John Hurter Gordon (A. B., U. of S.) .....	Anniston
Harry Lee Jackson (Ph. G., A. P. I.) .....	Rembert
Thomas A. Snow .....	Palos
Charter Howard Taylor (B. S., A. P. I.) .....	Autaugaville
Nelson Emmett Ware .....	Trussville

## FRESHMEN

Stephen Rumble Monteith .....	Natchez, Miss.
William Grover Shamblin .....	Coker
Gautier Conde Yancey (B. S., A. P. I.) .....	Tuskegee
Gordon Clopton Ussery .....	Roanoke
Leon Roland Young .....	Covington, La.
Laurie Young .....	Covington, La.

## DEPARTMENT OF PHARMACY

## CLASS OF 1917

Claud Lamar Brown .....	Mobile
Charles Edwin Pace .....	Mobile
Godfrey van Aller .....	Mobile

## SPECIAL STUDENTS

Florence Olive Austin .....	Mobile
Henry Thompson .....	Mobile

## SUMMER SCHOOL

SESSION 1915

---

NAME	COUNTY
Allene Adams	Morgan
Edith Adams	Lee
Fannie H. Adams	Wilcox
Sarah Agee	Monroe
Mrs. C. N. Allen	Lee
Lydia B. Armistead	Dallas
Mrs. James A. Anderson	Tuscaloosa
Ruth Andrews	Clarke
Jacob LeRoy Arnold	Covington
Pearl Arrant	Russell
Clara Atkinson	Talladega
Christine Austins	DeKalb
C. F. Avant	Coosa
J. Clement Avant	Elmore
Mattie Avant	Elmore
Ora Mae Avinger	Lowndes
William J. Baird	Morgan
Andrew Lawrence Baker	Limestone
Curtis Baker	Tuscaloosa
Harvey D. Baldrige	Houston
Bessie Cates Ball	Jefferson
Mrs. R. A. Ballowe	Barbour
Ethel B. Bankston	Tuscaloosa
Eva Barfield	Clay
John O. Barfield	Clay
Bessie Mae Barger	Sumter
Lillian Barksdale	Limestone
Emmett Norman Barnes	Dale
Mrs. W. J. Barnes	Tuscaloosa
Lorine Barnes	Dallas
Minnie Lou Barnes	Dallas
Nettie Barnes	Tallapoosa
Albert Barnett	Montgomery

NAME	COUNTY
Lillie Barrett .....	Marshall
Stella Batson .....	Jefferson
Marvin O. Baxter .....	Cleburne
Annie Bealle .....	Tuscaloosa
Lucy Bell .....	Houston
B. E. Bentley .....	Elmore
Roger S. Bingham .....	Talladega
Cecelia Fay Bland .....	DeKalb
Madge Blair .....	Tuscaloosa
Elizabeth H. Blankenship .....	Colbert
Clifton O. Blauvelt .....	Tuscaloosa
James W. Blount .....	Washington
Ruth Graham Blue .....	Bullock
Jessie Boatwright .....	Elmore
Iverson L. Boles .....	Covington
Oscar Boland .....	Escambia
B. Fred Borom .....	Russell
Lois Boswell .....	Tuscaloosa
Vera Clare Boswell .....	Tuscaloosa
Zenobia Bottoms .....	Dale
Mae Bernice Bouchillon .....	Winston
Glenn Bowers .....	Tuscaloosa
J. C. Bowers .....	Tuscaloosa
Alice Boyd .....	Coffee
Lena Cleo Boyd .....	Tuscaloosa
Mary Boyd .....	Macon
Elizabeth Bradfield .....	Tuscaloosa
Conway Brasfield .....	Tuscaloosa
Mary Bray .....	Russell
Bessie Brooks .....	Escambia
Marjorie L. Brooks .....	Escambia
Thomas David Brooks .....	Marion
Willie Broom .....	Walker
Callie Brown .....	Lamar
Mrs. Emma Brown .....	Cullman
Mamie Brown .....	Sumter
Marion Brown .....	Tuscaloosa

NAME	COUNTY
Margaret Davis Brown	Tuscaloosa
Stella Searcy Browne	Tuscaloosa
Ruth Brownell	Tuscaloosa
Stella Mae Bruner	Houston
Emmett Treadwell Brunson	Coffee
Kathleen Bryan	Butler
Jack Bryant	Tuscaloosa
Ola Bryars	Mobile
Flora Brummit	Perry
Elizabeth Buchanan	Colbert
Julia Buck	Marengo
C. A. Buffington	Dallas
Annie B. Buntin	Quitman, Ga.
Emilie Burleson	Greene
John Monroe Burnett	Jefferson
Louise Burns	Talladega
Frank L. Butts	Pickens
Jesse Carrol Calhoun	Tuscaloosa
William G. Cameron	Crenshaw
Mrs. W. G. Cameron	Crenshaw
Earl Roy Campbell	Houston
Anna Jane Card	Tuscaloosa
Ela Reid Card	Tuscaloosa
Emma Stewart Card	Tuscaloosa
Mattie Carpenter	Madison
Ida Carraway	Geneva
Mamie Carrell	Tuscaloosa
Irene Carroll	Dale
Inez Carter	Limestone
John Thomas Carter	Pike
Mabel Virginia Carter	Giles, Tenn.
Mrs. Maude Carter	Fayette
Frances Cater	Butler
Bessie Catoe	Covington
J. G. Chadwick	Mobile
Meta L. Chapman	Clarke
Ruth Chastaine	Tuscaloosa
Mattie Chesnut	Covington

NAME	COUNTY
John D. Chichester .....	Jefferson
Carrie E. Chisohm .....	Dallas
Mrs. Samuel F. Clabaugh .....	Tuscaloosa
Mary Rebecca Clark .....	Geneva
Nettie Lou Clark .....	Chambers
Lee Nora Clegg .....	Randolph
Pressley W. Cleveland .....	Dallas
Kate Clinton .....	Tuscaloosa
Texas Clower .....	Pike
Etherage A. Cobb .....	Blount
Mrs. Robert Cochrane .....	Tuscaloosa
Molly Cocke .....	Perry
Edna Cohen .....	Montgomery
Bertha Lee Coleman .....	Lee
Mrs. Leona B. Coles .....	Madison
Mrs. Fannie Collier .....	Morgan
Effie Collins .....	Jefferson
Johnnie Lee Cook .....	Tuscaloosa
Annie Opal Cooper .....	Cullman
Fleda Cooper .....	Tuscaloosa
Stanley C. Cooper .....	Lauderdale
John Thomas Cope .....	Bullock
Mary Corley .....	Marshall
Mrs. Ada Cornelius .....	Morgan
Leonora Cowan .....	Covington
Bernice Cowart .....	Pike
Nelle Crawford .....	Limestone
Homer Creel .....	Jefferson
Mary E. Crenshaw .....	Butler
Maude I. Cross .....	Butler
Minnie Reid Cross .....	Hale
Daisy Crowell .....	Maury, Tenn.
Ruth Cunningham .....	Talladega
Kathrine Curry .....	Mobile
Rosa Curb .....	Perry
Evie Dailey .....	Monroe
Gustie Daniel .....	Marshall
Emma Davenport .....	Pike



NAME	COUNTY
Pearl Davidson .....	Blount
Charlsie Davis .....	DeKalb
Dosia Davis .....	Marshall
Frances Davis .....	Cullman
Frances Watkins Davis .....	Tuscaloosa
Geneva Davis .....	Marshall
Lida Davis .....	Shelby
Lula Davis .....	Marshall
Mary Helen Davis .....	Russell
Mattie Lou Davis .....	Butler
Tommie Lee Davis .....	Macon
James O. Dawsey .....	Geneva
Irene Day .....	Jefferson
Mary Dean .....	Dale
Ila Deason .....	Tuscaloosa
Nannie Agatha Deason .....	Tuscaloosa
Frances Denny .....	Tuscaloosa
Lenna Denney .....	Houston
Attie Dennis .....	Lee
Judson Davie DeRamus .....	Chilton
Annie Dew .....	Hale
Lottie Dew .....	Hale
Mary Gray Dew .....	Hale
Mary Dickert .....	Pike
J. O. Dickerson .....	Chilton
Shirley B. Dickson .....	Lowndes
James V. Dillard .....	Tuscaloosa
Vera Dismukes .....	Elmore
James C. Dixon .....	Lincoln
W. J. Dominey .....	Dale
Mrs. W. J. Dominey .....	Dale
Mary M. Donald .....	Butler
Robert F. Donehoo .....	Blount
Mamie Donoho .....	Tuscaloosa
A. P. Dorgan, Jr. ....	Mobile
Annie Lou Dowling .....	Pike
Genie Doyle .....	Clarke
Annie Lou Drane .....	Gibson, Tenn,

NAME	COUNTY
Haward Yates Dunaway .....	Dallas
Fletcha Dupree .....	Tallapoosa
Lucy Durrett .....	Tuscaloosa
Homer G. Dyer .....	Blount
Catherine Dykes .....	Bullock
Louise Eanes .....	Jefferson
Lollie Eddins .....	Tuscaloosa
Eva Edwards .....	Clay
Edgar Elebash .....	Dallas
Lucile Ellenburg .....	Shelby
Beatrice Elliott .....	Tuscaloosa
Hulit Ellis .....	Lowndes
Mary Emma Ellison .....	Wilcox
Faye Emond .....	Jefferson
Margaret Enslen .....	Elmore
Ollie Erwin .....	Jefferson
Martin Luther Evans .....	Cleburne
Alice Ezzell .....	Franklin
Mrs. J. B. Fair .....	Tuscaloosa
Winifred Mae Farr .....	Jefferson
J. M. Farris .....	Coffee
Ruth Reagin .....	Wilcox
James Thomas Fields .....	Cleburne
Minnie Lee Findley .....	Tuscaloosa
P. S. Findley .....	Tuscaloosa
Julia Judson Finnell .....	Tuscaloosa
Lillian Finnell .....	Tuscaloosa
Newberne Finnell .....	Tuscaloosa
Alleen Finney .....	Talladega
Fred M. Fisk .....	Montgomery
Coy Flowers .....	Pike
W. L. Flowers .....	Dale
Bertha May Folmar .....	Crenshaw
Norma Fortner .....	Houston
Florrie Annie Foster .....	Dallas
Julian Foster .....	Tuscaloosa
William Foster .....	Tuscaloosa
Clinton L. Franklin .....	Tuscaloosa

NAME	COUNTY
A. C. Freeman .....	Pike
Berta Freeman .....	Randolph
Mrs. Sam Friedman .....	Tuscaloosa
Frances C. Funke .....	Colbert
Leila Fuquay .....	Barbour
R. L. Gandy .....	Dallas
Lillie Gantt .....	Tallapoosa
Solomon Garden .....	Walker
Florence Gardner .....	Pickens
Inez Garrison .....	Mobile
Eleanor Gary .....	Dallas
Minnie Gates .....	Wilcox
Bernice Gay .....	Randolph
Rosa Gerhardt .....	Mobile
Irma Gibson .....	Pike
Julia Gibson .....	DeKalb
Kate Gibson .....	DeKalb
Jessye Gertrude Gillespie .....	Marshall
Estelle Gillis .....	Walton, Fla.
Madie Knox Gillis .....	Walton, Fla.
Neiss Bessie Given .....	Jefferson
Arthur Glover .....	Barbour
Frances Gordy .....	Lee
Emily Elizabeth Grace .....	Walker
Grovie Grace .....	Walker
Ruth Adele Graham .....	Etowah
Grace C. Grant .....	Jefferson
Mary Gray .....	Limestone
George Green .....	Chambers
Mary Edna Greene .....	Tallapoosa
M. M. Greene .....	Marion
Nora Greene .....	Tallapoosa
Jordan Unus Greenwood .....	Marshall
John D. Griffin .....	Calhoun
Mark Grown Grier .....	Wilcox
Laura B. Griffin .....	Tuscaloosa
Louise Maxwell Griggs .....	Montgomery
Mary F. Griggs .....	Chilton

NAME	COUNTY
Charlotte Mary Hale .....	Jefferson
Eleanor Hall .....	Perry
Louise Hall .....	Bullock
Maude Hall .....	Pickens
Rena Ham .....	Coffee
Alliene E. Hancock .....	Monroe
Ada Lee Hansell .....	Lee
Marie Hanson .....	Tuscaloosa
Kate Hardage .....	Morgan
Loula Mae Hargrove .....	Tuscaloosa
Annie Harper .....	Shelby
Sidney G. Harper .....	Montgomery
David W. Harrison .....	Calhoun
Leta Bess Harrison .....	Morgan
C. L. Hartley .....	Bibb
Jesse L. Hartley .....	Perry
Augusta Harwood .....	Tuscaloosa
Clara Eudora Haynes .....	Lowndes
Kate Haynes .....	Lowndes
Mrs. R. P. Hassell .....	Tuscaloosa
Mrs. Sarah Hawkins .....	Jefferson
Bertha Hayes .....	Jefferson
Glennie I. Haymans .....	Shelby
Mildred Hayslette .....	Tuscaloosa
Jennie E. Head .....	Mobile
Walter Francis Head .....	Shelby
Claude Heard .....	Tallapoosa
Connie R. Helms .....	Coffee
Ernest L. Hendrix .....	Tuscaloosa
Margaret Herren .....	Tuscaloosa
Minnie Herring .....	Madison
Daniel W. Hester .....	Franklin
Mrs. Mai Hickman .....	Cullman
Hardy Foster Hill .....	Tuscaloosa
Elizabeth Hillhouse .....	Jefferson
Abbie E. Hinckley .....	Tuscaloosa
Alice Hinckley .....	Tuscaloosa
A. Louis Hinckley .....	Tuscaloosa

NAME	COUNTY
Graham S. Hinton .....	Pickens
William S. Hinton .....	Pickens
Mrs. E. Holder .....	Randolph
Bachman Gladstone Hodge .....	Talladega
Ramelle Holliday .....	Marshall
Kittie Holloway .....	Mobile
Swan Holman .....	Tuscaloosa
Irene Holmes .....	Cullman
Suza Bell Hood .....	Lauderdale
Aubrey Hornsby .....	Elmore
Mary K. Horton .....	Tuscaloosa
Arthur Hovater .....	Franklin
Beulah Hubbard .....	Marshall
Annie Judson Huckabee .....	Wilcox
Abbie A. Hudson .....	Mobile
Mrs. G. J. Huffman .....	Jefferson
Emily Hunnicutt .....	Tuscaloosa
Helen J. Hunt .....	Tuscaloosa
Mary Huston .....	Talladega
Robert Huston .....	St. Clair
Chalmers Arthur Hyatt .....	Blount
Nettie Hyatt .....	Cullman
Bessie Pearl Illges .....	Russell
Alma Irene Ingrem .....	Tuscaloosa
Margaret Ingrem .....	Tuscaloosa
Ernest V. Igou .....	DeKalb
Etta Igou .....	DeKalb
Agnes Lamerl Jackson .....	Tuscaloosa
Daniel Webster Jackson .....	Tallapoosa
E. O. Jackson .....	Tuscaloosa
Ida Mae James .....	Hale
Luther L. James .....	Franklin
Ida R. Jarvis .....	Dallas
Claribel Jeffers .....	Randolph
Irene Jeffers .....	Randolph
Janette Jeffrey .....	Tuscaloosa
Russell L. Jenkins .....	Morgan
Herbert John Jenny .....	Tuscaloosa



NAME	COUNTY
Agnes E. Johnson .....	Baldwin
Elgin Johnson .....	Tuscaloosa
Jacob Andrew Johnson .....	Cherokee
Julia Johnson .....	Tuscaloosa
Willie Johnson .....	Lee
B. E. Jones .....	Covington
Earl Broadway Jones .....	Tuscaloosa
Ewell M. Jones .....	Tuscaloosa
Lou Olive Jones .....	Montgomery
Mabel Louise Jones .....	Clay
Nellie Lucile Jones .....	Russell
May Jordan .....	Tuscaloosa
Vera L. Jowers .....	Russell
Annie Joyner .....	Pickens
Mary Elizabeth Justin .....	Tuscaloosa
Josephine Key .....	Franklin
Mary Claire Key .....	Franklin
James William Kitching .....	Houston
Ivy Duke Kimbrough .....	Clarke
Annie Lang King .....	Colbert
J. Ben King .....	Talladega
Elizabeth Kirkland .....	Jefferson
Ethel Kirkland .....	Jefferson
Fannie Lou Kirkpatrick .....	Lowndes
Laura Kynerd .....	Perry
Lemuel Oscar Kyzar .....	Pike
Annie Lacey .....	Jefferson
Mary Lacey .....	Jefferson
Mary E. Lamar .....	Macon
Sherman W. Lamberth .....	Elmore
Franklin S. Land .....	Elmore
John M. Land .....	Montgomery
Lyda Latham .....	Pickens
Kathryn Lawler .....	Madison
Lollie May Lawler .....	Madison
Olivia Lawson .....	Pike
Jessie Palfrey Leake .....	Tuscaloosa
W. S. Leatherwood .....	Chambers

NAME	COUNTY
R. E. Ledbetter .....	Cullman
Isaphene Ledyard .....	Lowndes
Alma T. Lefstead .....	Chilton
Zora LeSueur .....	Tuscaloosa
Joseph A. Leysath .....	Butler
Kate B. Lile .....	Morgan
Sue Lile .....	Morgan
Camilla Linn .....	Marshall
Irene Linn .....	Marshall
Ellen Lipscomb .....	Baldwin
Mrs. A. E. Little .....	Jefferson
Mrs. Florence Lloyd .....	Walker
Eliza Long .....	Tuscaloosa
Mabel Loveland .....	Sheboygan, Wis.
Lillian Lovvorn .....	Randolph
Irene Lowe .....	Madison
William V. Luckie .....	Butler
Ida May Lunceford .....	Tuscaloosa
J. A. Lunceford .....	Tallapoosa
Mae Lunceford .....	Tallapoosa
Stella Lund .....	Tallapoosa
Fred A. Luqueer .....	Tuscaloosa
Ruby Louise Lyda .....	Marshall
Samuel James McCall .....	DeKalb
Jemima McCalla .....	Knoxville, Tenn.
Beryl McCann .....	Tuscaloosa
Essie McClendon .....	Lee
William G. McCorvey, Jr. ....	Monroe
Annie McCracken .....	Tuscaloosa
Lucy McCrary .....	Dallas
Mary McCreary .....	Conecuh
Emma Virginia McCullers .....	Calhoun
Ruth McCullough .....	Dallas
Minnie McDaniel .....	Sumter
Corley C. McEachern .....	Pike
Edna McEachern .....	Barbour
J. D. McEachern .....	Barbour
Odessa McEachern .....	Cleburne

NAME	COUNTY
Vinnie McEachern .....	Barbour
Dorothy McFaddin .....	Hale
Annie L. McGehee .....	Jefferson
Nettie McGehee .....	Tuscaloosa
Mary Helen McGiffert .....	Tuscaloosa
Mary Olen McGill .....	Randolph
Osgood Cook McIntyre .....	Tuscaloosa
Clyde McKay .....	Randolph
Olin E. McKnight .....	Chambers
Ruth McKnight .....	Elmore
Emma Grace McLean .....	Sumter
Zuleika McLeod .....	Dale
Margaret McMillan .....	Shelby
William Paul McMillan .....	Bullock
Georgia McGuire .....	Baldwin
Minnie Maguire .....	Baldwin
Hattie Maitland .....	Bibb
Eula Majors .....	DeKalb
Jessie Martin .....	Russell
Ruth Martin .....	Bay, Fla.
Mary Mason .....	Bibb
Wynton Mason .....	Escambia
Curtis Matthews .....	Coosa
Ennis G. Matthews .....	Coosa
Emory G. Maxwell .....	Jefferson
R. C. Maxwell .....	Jefferson
Florence May .....	Sumter
H. Willis May .....	Fayette
Nannie May .....	Greene
Elizabeth Mayes .....	Jefferson
Eldridge W. Maynor .....	Blount
Earl Moses Meadows .....	Tuscaloosa
Mrs. Minnie Meadows .....	Tuscaloosa
W. C. Meadows .....	Covington
Sadie Melton .....	Wilcox
Annie C. Merts .....	Madison
Mrs. J. E. Middlebrooks .....	Cleburne
Clara Leigh Miller .....	Greene

NAME	COUNTY
Marjorie Miller .....	Morgan
Blanche Mills .....	Tuscaloosa
Foster Mills .....	Tuscaloosa
Myriam E. Mills .....	Autauga
William Henry Milner .....	Shelby
Bernice Mitchell .....	Limestone
Nancy E. Monroe .....	Madison
Achsa Pauline Moore .....	Covington
Agnes Eleanor Morgan .....	Tuscaloosa
Agnes Mai Moore .....	Tuscaloosa
Benjamin Franklin Moore .....	Jefferson
James K. Morris .....	Tuscaloosa
Mary L. Morrison .....	Jefferson
Jackson L. Morrow .....	Dallas
Albert M. Morton .....	Lamar
Clark C. Moseley .....	Tallapoosa
Mrs. C. C. Moseley .....	Tallapoosa
William Webb Moseley .....	Marengo
Clifford Leon Moss .....	Jefferson
Ethel Murphy .....	Henry
Oscar Galileo Myers .....	Pike
Blanche E. Naugher .....	Tuscaloosa
Clarence C. Naugher .....	Tuscaloosa
Lois Naugher .....	Tuscaloosa
Teressa Neely .....	Dallas
Winnie Nelson .....	Crenshaw
Maine Eyric Nettles .....	Montgomery
J. J. Newman .....	Chambers
Mae Newman .....	Coosa
Mary Newman .....	Coosa
Fay S. Newman .....	Coosa
Honor M. Nicol .....	Tuscaloosa
Hattie Mae Noland .....	Pickens
Ralph W. Noojin .....	Etowah
Sybil Nunnelee .....	Bibb
Walter Flake Oakley, Jr. ....	Houston
Mary Ledyard Oliver .....	Montgomery
Mattie Oliver .....	Elmore

NAME	COUNTY
Eugenia Ormond	Tuscaloosa
Stella Orr	Morgan
T. P. Orr	Clay
John B. Owen	Jefferson
James Ozier	Montgomery
William C. Ozier	Montgomery
Kate Padgett	Covington
Lula Padgett	Covington
Minna Gayle Palfrey	Wilcox
Lovdie Pannell	Elmore
Mrs. Houston Park	Tuscaloosa
Susie Park	Tuscaloosa
Martha Elizabeth Parker	Montgomery
Trudie E. Parker	Tuscaloosa
Lillie Belle Parkman	Houston
McDaniel Benson Partin	Wilcox
Margaret Nixon Partlow	Tuscaloosa
Ethel Paul	Pike
Mattie Paul	Choctaw
Laura Myrtle Payne	Madison
Cleo Pearson	Tuscaloosa
James Overby Pearson	Tallapoosa
Annie E. Pegues	Dallas
Jennie C. Perkins	Morgan
Lillie Amelia Perry	Chilton
Birdie Pettey	Morgan
Evelyn Peyton	Dallas
Robert J. Phelps	Limestone
Natalie Phillips	Tuscaloosa
P. K. Pierce	Tuscaloosa
James S. Pittman	Randolph
Mignonne Pitts	Barbour
Vinie Pitts	Shelby
Harvey C. Porter	Butler
Jessie M. Porter	Butler
Maude T. Porter	Morgan
Robert David Powell	Covington
Samuel H. Power	Lee



NAME	COUNTY
Sudie Beck Powers .....	Tuscaloosa
R. W. Prater .....	Coosa
Mrs. Zora Prater .....	Lamar
Leonard C. Pratt .....	Bibb
Brazzie Deal Price .....	Tuscaloosa
Ernest E. Price .....	Talladega
Mary L. Price .....	Lamar
Nellie Price .....	Henry
J. A. Pruet .....	Clay
Lila Mae Quarles .....	Dallas
Emmett G. Radford .....	Tallapoosa
Ruby Ramey .....	Hale
Abbie Searcy Rau .....	Tuscaloosa
Ethel Ragsdale .....	Jefferson
Cas Reagin .....	Clay
William A. Reagin .....	Jefferson
Catherine Reasonover .....	Mobile
Ila Mae Reese .....	Russell
Mrs. Leronzo T. Reeves .....	Tuscaloosa
Carolyn L. Rembaugh .....	Shelby
Excelle Reynolds .....	Talladega
Mary Jim Reynolds .....	Jefferson
Mary J. Reynolds .....	Jefferson
Bertha Richardson .....	Butler
Mamie Richardson .....	Tuscaloosa
J. Ingle Riddle .....	Madison
Arthur F. Riser .....	Chambers
Adele Rivers .....	Clarke
Genevieve Roberts .....	Talladega
Ida Roberts .....	Limestone
Walter Greeley Roberts .....	Jefferson
Ruby Robinson .....	Pickens
Cassie Belle Robinson .....	Morgan
Augusta Rogers .....	Butler
Birtie Lee Rogers .....	Morgan
Jesse P. Rogers .....	Tuscaloosa
Maryland B. Rolen .....	Tuscaloosa
Mrs. Mama Romine .....	Walker

NAME	COUNTY
Lottie Rose .....	Barbour
Annie Demaris Ross .....	Autauga
Jesse Mercer Rowe .....	Coffee
Ida Pearl Roycroft .....	Tuscaloosa
J. D. Samuels .....	Coosa
Joseph William Samuels .....	Coosa
Annie Sanders .....	Hale
Eva Saucer .....	Butlér
Neatie Saucer .....	Butler
Lawrence L. Saks .....	Jefferson
Imogene Scales .....	Sumter
N. Roberta Scarbrough .....	Bullock
Laura Scogin .....	Walker
William Seale .....	Tyler, Texas
Augusta Searcy .....	Tuscaloosa
Camille T. Searcy .....	Tuscaloosa
Mrs. Harvey B. Searcy .....	Tuscaloosa
Jesse Ellis Self .....	Jefferson
Annie L. Sellers .....	Monroe
Robbie G. Sellers .....	Montgomery
W. Grover Shamblin .....	Tuscaloosa
Rochelle Sharpless .....	Geneva
Jeannette Sharpard .....	Bibb
Emma T. Sharman .....	Randolph
Clara Shelton .....	Tuscaloosa
Ernest E. Shelton .....	Pickens
Georgia Shirley .....	Pickens
Rubie Lucile Shirley .....	Tuscaloosa
Ruby Skelton .....	Jackson
Ruth Skelton .....	Jackson
Susie Wilson Skinner .....	Madison
Everette Slaton .....	Elmore
Mrs. Mabel Slayton .....	Tuscaloosa
Annie Lee Smith .....	Tuscaloosa
Daisy Smith .....	Montgomery
Dean L. Smith .....	Madison
Mrs. Olive C. Smith .....	Calhoun
Ora Mae Smith .....	Pickens

NAME	COUNTY
Perry Smith .....	Tuscaloosa
Ruth Smith .....	Pickens
Sadie L. Smith .....	Montgomery
Thomas Houston Smith .....	Coosa
William T. Snoddy .....	Pickens
James R. Snow .....	Marion
Hermione B. Somerville .....	Pickens
Bessie Speake .....	Morgan
Carolee Speake .....	Morgan
Delia Springer .....	Tuscaloosa
Mrs. J. M. Stabler .....	Butler
Lucy Stabler .....	Wilcox
Harriet Ellen Stagg .....	Mobile
John Martin Stapleton .....	Monroe
Gordon Steele .....	Montgomery
Lila Steele .....	Bibb
Nelle Steele .....	Bibb
Samuel J. Steiner .....	Montgomery
Kate Stender .....	Cullman
J. W. Stephenson .....	Hale
Bovine Stewart .....	Randolph
Bessy Stinson .....	Pike
Genie Stodghill .....	Chambers
Paschal Otis Stone .....	Tuscaloosa
John Stott .....	Jefferson
Ernest Lelah Stough .....	Covington
Marguerite Strider .....	Dallas
William Wade Stringfellow .....	Barbour
Andrew J. Sullivan .....	Tuscaloosa
John G. Sullivan .....	Tuscaloosa
Hilda Sundberg .....	Mobile
McLemore Supple .....	Jefferson
Josephine Sutton .....	Dallas
Susie C. Swift .....	Baldwin
M. Hudson Tapia .....	Mobile
Mae Belle Tatum .....	Autauga
Edward Ira Taylor .....	Marshall
Jessie Verna Thomas .....	Tallapoosa

NAME	COUNTY
Kate Thomas .....	Dale
Mamie Bess Thomas .....	Chilton
Nettie Racine Thomas .....	DeKalb
R. C. Thomas .....	Bibb
Georgia Thornton .....	Fayette
Erin Thompson .....	Montgomery
Ione Estelle Thompson .....	Madison
Helen Leila Thompson .....	Tuscaloosa
Jessie L. Thrift .....	Madison
Ellie Thweatt .....	Talladega
Troy Thweatt .....	Talladega
Aubie Tidmore .....	DeKalb
Ida Mae Tidmore .....	DeKalb
Vivian Tilman .....	Morgan
D. G. Trawick, Jr. ....	Montgomery
Idalee Tucker .....	Escambia
Mrs. Frelen C. Turner .....	Tuscaloosa
Marietta Turner .....	Jefferson
Joseph William Vann .....	Madison
Maude VanPelt .....	Cherokee
Annie L. Vardaman .....	Talladega
Jimmie Cue Veazey .....	Chambers
Edward E. Verner, Jr. ....	Oconee, S. C.
Gladys Voorhies .....	Giles, Tenn.
Alex. A. Waddell .....	Lamar
Evie Wade .....	Coosa
Robert R. Wade .....	Baldwin
Lottie Wager .....	Jefferson
Imogen Waldrop .....	Coosa
Annie Laurie Walker .....	Tuscaloosa
Mrs. J. E. Walker .....	Escambia
Mabel Eugenia Walker .....	Escambia
Maude Evaline Wallace .....	Bibb
Kathouise Walston .....	Morgan
Emmie L. Warren .....	Barbour
Florida Watson .....	Talladega
Flora L. Watson .....	Talladega
Carrie A. Ward .....	Wilcox

NAME	COUNTY
Elizabeth Warren .....	Morgan
Mary Washburn .....	Montgomery
Alice Leigh Waters .....	Pike
Margaret Waters .....	Jefferson
Mattie L. Waters .....	Pike
Pearl Elizabeth Waters .....	Pike
Mrs. Sara C. Watson .....	Muscogee, Ga.
Mrs. Webster Ward .....	Tuscaloosa
Lottie Viola Watkins .....	Sumter
William G. Ward .....	Mobile
B. S. Watson .....	Talladega
Mary Lee Webb .....	Tuscaloosa
Nancy Ola Weed .....	Dale
Mildren Weir .....	Limestone
Ruth Wells .....	Limestone
Irene Wesson .....	DeKalb
Ada Whaley .....	Dale
Bertha M. Whaley .....	Jefferson
Evie Whigham .....	Barbour
Harry J. White .....	Jefferson
Mary White .....	Russell
Mrs. Emmie P. Whitehead .....	Marengo
Lillian Whitman .....	Lee
Mrs. W. C. Whitt .....	Covington
Clyde Hearne Whitten .....	Lowndes
Mary Wigley .....	DeKalb
Lucile Wilcox .....	Jefferson
Bettie Wilds .....	Tuscaloosa
Bessie L. Wilhelm .....	Montgomery
Evelyn H. Wilkes .....	Baldwin
Bonnie Williams .....	Randolph
Claude C. Williams .....	Tallapoosa
Edna Williams .....	Hale
F. B. Williams .....	Chilton
Gladys M. Williams .....	Tuscaloosa
Leila Williams .....	Jefferson
Maggie Belle Williams .....	Wilcox
Rex C. Williams .....	Tuscaloosa



NAME	COUNTY
Sallie Williams .....	Marshall
Mrs. Susie B. Williams .....	Montgomery
Vera Williams .....	Covington
Mattie Glendon Williamson .....	Calhoun
Annie Lee Wilson .....	Tuscaloosa
Lony H. Wilson .....	Tuscaloosa
Stella Wilson .....	Tallapoosa
Virginia Wilson .....	Dallas
Ellie Winburn .....	Barbour
Connie Windham .....	Tuscaloosa
Mary Agnes Wing .....	Mobile
Claud R. Wood .....	Macon
Mrs. C. R. Wood .....	Macon
Gerald Guinness Woodruff .....	Calhoun
Margaret Armour Wooley .....	Chilton
Gladys Worthington .....	Montgomery
Annie Lizzie Wright .....	Lee
Eudora M. Yerby .....	Tuscaloosa
Gertrude Yearby .....	Tuscaloosa
Nellie C. Young .....	Etowah

# Summary

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## OFFICERS OF INSTRUCTION AND GOVERNMENT

Professors .....	48
Instructors and assistants .....	41
Other officers .....	16

## STUDENTS.

### I. College of Arts and Sciences:

Graduate students .....	9
Seniors .....	83
Juniors .....	71
Sophomores .....	118
Freshmen .....	202
Special students .....	11

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494

### II. College of Engineering:

Graduate students .....	1
Seniors .....	13
Juniors .....	11
Sophomores .....	33
Freshmen .....	38
Special students .....	3
Students in A. and S. and Eng. ....	15

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114

### III. School of Law:

Seniors .....	56
Juniors .....	51
Special students .....	12
Students in A. and S. and Law. ....	13

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132

IV. School of Education ..... 217

V. School of Medicine:

Graduate students ..... 1

Seniors ..... 18

Juniors ..... 23

Sophomores ..... 9

Freshmen ..... 6

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57

VI. Department of Pharmacy:

Class of 1917 ..... 3

Special students ..... 2

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5

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Total ..... 1019

Names counted twice ..... 245

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Net total regular session ..... 774

Enrollment in Summer School..... 735

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Total from June, 1915, to June, 1916... 1509

# Degrees, Honors, and Prizes

AWARDED IN 1915

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## MASTERS OF ARTS

James Howard Baxley, A. B. ....	Dothan
Jesse Hamilton Jackson, A. B. ....	Alexander City
Richard Earle Jones, A. B. ....	Roy

## MASTERS OF SCIENCE

Thomas Jefferson Leslie .....	Weogufka
Zella McWhorter .....	Riverton

## CIVIL ENGINEERS

Merrill Pratt Smith .....	University
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## ELECTRICAL ENGINEERS

William McDow Johnston .....	Holt
Andrew McMurray Miller .....	Nanafalia

## BACHELORS OF ARTS

Clare Abercrombie .....	Tuscaloosa
Frank Miller Atkins .....	Heflin
Virgil Oates Barnard .....	Ozark
George Elbert Barnett .....	Rogersville
Charles Heyward Barnwell, Jr. ....	Tuscaloosa
John Wesley Brown, Jr. ....	Sylacauga
Rollin Browne .....	Talladega
Peyton Daniel Burford .....	Camden
Earle Roy Campbell .....	Columbia
Samuel William Compton .....	University
Emory Wiley Corley .....	Rockford
John Jackson Farris, Jr. ....	Elba
Beula Garrett .....	Tallassee
Inez Gay .....	Lineville
Will Miller Humphrey .....	Huntsville

Joseph Leon Israel .....	Birmingham
Mims Torrey Jemison .....	Tuscaloosa
Benjamin Burwell Johnston .....	Meridian, Miss.
John Alexander Kirkpatrick .....	Montgomery
Fred Albert Lewis .....	Talladega
David Douglas McGiffert .....	Tuscaloosa
Ethridge McCoy Manning .....	Talladega
Eleanor Pearl Marlowe .....	Oneonta
Walter Flake Oakley, Jr. ....	Columbia
Thomas McAdory Owen, Jr. ....	Montgomery
Joseph David Peeler .....	Huntsville
Robert David Powell .....	River Falls
Wyatt Rushton .....	Montgomery
Robert Tennent Simpson, Jr. ....	Florence
Roy Milner Thigpen .....	Birmingham
James Edward Thompson .....	Princeton
Henry Grady Tiller .....	Hartford
Charles Spencer Warren .....	Montgomery
Lillias Ricker Warren .....	Wells River, Vt.
Ruth Agnes Yerion .....	Citronelle

## BACHELORS OF ARTS IN EDUCATION

Mary Ella Armstrong .....	Gastonia, N. C.
Capitola Bruce Moody .....	Birmingham
Ida Louise Ray .....	Jasper
Mae Williams .....	Albertville

## BACHELORS OF SCIENCE

Patrick Henry Carmichael .....	Goodwater
Homer Gordon Dyer .....	Altoona
Robert Alexander Johnston .....	Tuskegee
Early Moses Meadows .....	Equality
Sterner St. Paul Meek .....	Tuscaloosa
John Enoch Middlebrooks .....	Bell Mills
Annie Laurie Sellers .....	Franklin
Leslie Anderson Walker .....	Ensley
Rowe Watson .....	Enterprise



BACHELORS OF SCIENCE IN EDUCATION

Guy Gilliland .....University

BACHELORS OF SCIENCE IN CHEMICAL ENGINEERING

Charles Arthur Abele .....Ensley

BACHELORS OF SCIENCE IN CIVIL ENGINEERING

Stark Orlando Park .....Alexander City

Rhett Larkin Williamson .....Hartford

BACHELORS OF SCIENCE IN ELECTRICAL ENGINEERING

Hugh Sutherland Sherman .....Columbus, Miss.

BACHELORS OF SCIENCE IN MINING ENGINEERING

Neil Neville .....Birmingham

BACHELORS OF LAWS

Lamar Aldridge .....Catherine

John Alfred Altman .....York

Emile Majerski Baumhauer .....Mobile

Edmund Ruffin Beckwith .....Montgomery

William Craig Beebe .....Livingston

Francis Morrow Brown .....Birmingham

Thomas Riddle Brown .....Birmingham

Winston Edward Brown .....Newbern

Michael Cody, Jr. ....Montgomery

John Shields Coleman .....Jasper

Samuel William Compton .....Wayne

McPherson Aduston Cook .....Eutaw

Robert Park Davison .....Montgomery

Adolphus Cook Evans, Jr. ....Greensboro

Marcus J. Fletcher .....Andalusia

Malvern Ulysses Griffin .....University

Orlando Callier Grimes .....Tuscaloosa

Junius Foy Guin .....Belgreen

Arthur Lee Hardegree .....Goodwater

William LeSueur Harsh .....Birmingham

Julius Washington Hicks .....Ozark

John Downing Hill .....	Tuscaloosa
Joseph Lister Hill .....	Montgomery
William Lavender Hogue .....	Marion
James Bradley Holman, Jr. ....	Camden
Holland Huntington .....	University
James Juitte Jackson .....	Birmingham
DeVane King Jones .....	Tuscaloosa
Richard Bussey Kelly, Jr. ....	Birmingham
Vincent Fonde Kilborn .....	Mobile
Oscar Emory Littleton .....	DeFuniac, Fla.
Hilliary Duke Logan .....	West Blocton
Charles Huggins McCann .....	Tuscaloosa
William Hugh McCary .....	Birmingham
John Howard McEniry .....	Bessemer
Emmet Earle McMillan .....	Gastonburg
William Howell Morrow .....	Lanett
James Cochrane Phelps .....	Salem
William Morgan Russell .....	Tuskegee
Karl John Schuster .....	Birmingham
Coleman DeTroy Shepherd .....	Cordova
Polk Walker Shumate .....	Union Grove
Morgan Foshee Simmons .....	Andalusia
Michael Sollie, Jr. ....	Ozark
Charles Oscar Stokes .....	Ozark
Charles Williamson Stringer, Jr. ....	Talladega
Adrian V. Van de Graaff .....	Tuscaloosa
Marion Edward Ward .....	Bevill

## DOCTORS OF MEDICINE

John Mac Bell .....	Louisville
Robert Harold Coker .....	Brewton
Wilson Thomas Deaver .....	Blountsville
Benjamin Franklin Fridge .....	Ellisville, Miss.
Rayford Hodges .....	Woodville
William Edward Kimbrough, Jr. ....	St. Stephens
Samuel Currie Matthews .....	Clanton
Clifford Vernon Mayhall .....	Haleville
Leon Victor McVay .....	Salitpa
Richard Cox Rush .....	Mobile

Harry Altamont Simpson .....	Florence
James Alexander Ussery .....	Roanoke
Vernon Erick Whitehead .....	Abbeville

## GRADUATES IN PHARMACY

William Dabney Berry .....	Mobile
John Carlisle McDavid .....	Stockton
Hans Horniman Van Aller .....	Mobile

# Honors in 1915

At the close of each collegiate year special honors are conferred in accordance with the following regulation :

All regular students who make A in more than half of their work, estimated in hours, and B in the remainder shall be entitled to honors at commencement.

## IN THE COLLEGE OF ARTS AND SCIENCES

### SENIORS

Clare Abercrombie  
Peyton Daniel Burford  
Homer Gordon Dyer  
Beula Garrett  
Robert Tennent Simpson, Jr.

### JUNIORS

Kathrina Brown  
Maline Burns  
James Chrietzberg  
Henry Thomas Jones  
Jessie Palfrey Leake  
Marion Lamar Oakley  
Claudia Angeline Paisley  
Patton Kimbrough Pierce  
John Milton Snodgrass  
Frances Fones Williams

### SOPHOMORES

John Edmund Adams  
George Charner Batson  
Lucie Eddins Buchanan  
John Leslie Carmichael  
Edna Cohen  
Blevins Coke Dunklin  
Solomon Garden

## UNIVERSITY OF ALABAMA

Roy Wood Kimbrough  
John Hamilton Smith

## FRESHMEN

Melson Barfield  
Oscar Rollie Chester  
Mary Backstrom Moore  
Anne Elizabeth Newman  
Josie Steele Patton  
John Fisher Rothermel  
Whitten Maurice Windham

## IN THE SCHOOL OF LAW

## SENIORS

Edmund Ruffin Beckwith  
Robert Park Davison  
Junius Foy Guin  
James Bradley Holman, Jr.  
DeVane King Jones  
Vincent Fonde Kilborn  
John Howard McEniry  
William Howell Morrow

## JUNIORS

William Brice Dortch  
Henry Carlton Meader  
Joseph David Peeler  
Thomas Harvey Wright

## IN THE SCHOOL OF EDUCATION

## SENIORS

Ida Louise Ray

## IN THE SCHOOL OF MEDICINE

## SENIORS

Samuel Currie Matthews  
Harry Altamont Simpson



# Prizes in 1915

## IN THE COLLEGE OF ARTS AND SCIENCES

The Bryan prize, for the best essay on some subject relating to the science of government, was awarded to Henry Grady Tiller. Subject: Should This Nation Adopt Further Restriction of Immigration as a National Policy?

The Trustees prize, for the best oration delivered by a member of the senior class on senior day, was awarded to Robert Tennent Simpson, Jr. Subject: The Revival of Our Merchant Marine.

The Tennant Lomax prize, for the best oration delivered by a member of the junior class at their annual contest, was awarded to Luther Lyons Hill, Jr. Subject: American Preparedness and Peace.

The C. E. Thomas medal, for the best declamation in the freshman contest, was awarded to Whitten Maurice Windham. Subject: The German March Through Brussels.

The C. E. Thomas medal, for the second best declamation in this contest, was awarded to Ernest Oliver Jackson. Subject: The True Use of Wealth.

The Monnish prize, for the best original composition in German or the best translation at sight of a passage of English prose into German, was awarded to Miss Anne Elizabeth Newman.

## IN THE SCHOOL OF LAW

The American Law Book Company prize, for the highest average grade in the junior class, was awarded to William Brice Dortch.

The Callaghan and Company prize, for the second highest average grade in the junior class, was awarded to Joseph David Peeler.

## IN THE SCHOOL OF MEDICINE

The Bush prize, for the highest scholarship record during the four years of the medical course, was awarded to Samuel C. Matthews.

The Rhett Goode prize, for the second highest scholarship record, was awarded to Harry Altamont Simpson.

# Affiliated Schools

## FULLY AFFILIATED SCHOOLS

✓ Abbeville	3rd District Agri. School	R. O. Dykes
✓ Albertville	7th District Agri. School	S. L. Gipson
✓ Alexander City	High School	J. M. Pearson
✓ Andalusia	High School	L. E. Brown
✓ Anniston	High School	D. R. Murphy
✓ Ashland	Clay County High School	W. L. Davis
✓ Anniston	Noble Institute	Miss Margaret Lee <del>B. B. GLASS</del>
<del>Athens</del>	<del>Athens College Academy</del>	<del>Miss Mary Moore</del>
✓ Athens	8th District Agri. School	J. M. Atkinson
✓ Athens	Green University School	W. K. Green
✓ Atmore	Escambia County High School	C. A. Peavy
✓ Attalla	Etowah County High School	<del>J. R. Kimbrough</del> <del>H. A. PETT</del>
✓ Auburn	Lee County High School	J. A. Parrish
✓ Bessemer	High School	A. A. Persons
<del>Birmingham</del>	<del>Howard Academy</del>	<del>J. Hutto</del>
✓ Birmingham	Central High School	C. A. Brown
<del>Birmingham</del>	<del>B'ham College Training School</del>	<del>C. A. Lloyd</del>
✓ Birmingham	Loulie Compton Seminary	Miss Morton
✓ Birmingham	Margaret Allen School	Miss W. M. Allen
✓ Birmingham	University High School	<del>J. J. White</del> <del>M. B. DICKERSON</del>
✓ Blountsville	9th District Agri. School	<del>W. B. Farrar</del> <del>J. R. Kimbrough</del>
✓ Boaz	Snead Seminary	L. F. Corley
✓ Brewton	Collegiate Institute	W. L. Porter
✓ Bridgeport	Bridgeport Academy	C. W. Reynolds
✓ Brundidge	Pike County High School	S. B. Gibson
✓ Butler	Choctaw County High School	Zack Rogers
✓ Camden	Wilcox County High School	Claude Hardy
✓ Camp Hill	High School	<del>C. C. Mosely</del> <del>J. E. MIDGLEY</del>
✓ Castleberry	Conecuh Co. High School	Miss Sarah Luther
✓ Centre	Cherokee County High School	<del>J. A. Johnson</del> <del>C. R. WOOD</del>
✓ Centreville	Bibb County High School	J. W. Watson
✓ Clanton	Chilton County High School	H. C. McDonald
✓ Clio	Barbour County High School	A. C. Anderson
✓ Columbia	Houston County High School	C. W. Johnson
✓ Columbiana	Shelby Co. High School	Lycurgus Leftwich
<del>Cuba</del>	<del>High School</del>	<del>M. E. Head</del> <del>J. M. DAVIS</del>
✓ Cullman	Cullman County High School	<del>J. F. Knight</del> <del>G. C. DOWD</del>
✓ Dadeville	Tallapoosa Co. High School	R. E. Hodnette
✓ Daphne	Normal School	H. H. Holmes
✓ Decatur	High School	J. M. Collier

✓ Chatom

washing ton co. H. S.

R. H. SOUTHERLAND

✓ Bayles

Jefferson

co. H. S.

C. E. MOSELEY

Demopolis	High School	K. G. Hoover	
Dothan	High School	T. J. Leslie	
Double Springs	Winston County High School	L. J. Howell	
Eclectic	Elmore County High School	W. J. Mims	
Elkmont	Limestone County High School	E. B. Baxter	
Ensley	High School	<del>R. L. Dimmitt</del>	FRAZIER BAY
Enterprise	Coffee County High School	J. J. Yarbrough	
Eufaula	High School	H. L. Upshaw	
Eutaw	High School	A. F. Jackson	
Evergreen	2nd District Agri. School	<del>Prof. Lewis</del>	WILBURN
Fayette	Fayette County High School	R. L. Reeves	
Floral	Covington Co. High School	<del>H. A. Pettus, Jr.</del>	J. J. WILLIAMS
Fort Deposit	Lowndes County High School	E. H. Turner	
Fort Payne	DeKalb County High School	N. J. Callan	
Gadsden	High School	T. R. Owen	
Gaylesville	Gaylesville Academy	Jno. D. Ray	
<del>Greensboro</del>	<del>Southern Univ. Fitting School</del>	<del>R. W. Green</del>	W. H. ROBERTSON
Greenville	High School	C. B. Gamble	
Grove Hill	Clarke County High School	M. L. Orr	
Guin	Marion County High School	J. B. Clark	
Guntersville	Marshall County High School	Oscar Horton	
Gurley	Madison County High School	W. T. Stevens	
Haleyville	High School	L. L. James	
Hamilton	6th District Agri. School	H. O. Sargent	
Hartford	Geneva County High School	B. H. Boyd	
Hartselle	Morgan County High School	J. H. Riddle	
Headland	Henry County High School	D. W. McLean	
Heflin	Cleburne County High School	<del>Jan. Hart</del>	J. M. FARRIS
Huntsville	High School	R. C. Johnston	
Huntsville	Goodrich School	J. C. Goodrich	
Jackson	1st District Agri. School	J. J. Moore	
Jasper	Walker County High School	J. Alex Moore	
LaFayette	High School	F. T. Appleby	
Leighton	Colbert County High School	P. M. Munro	
Lincoln	Talladega County High School	J. A. Morgan	
Lineville	N. E. Ala. Agri. Institute	G. G. Sharp	
<del>Marion</del>	<del>Judson Academy</del>	<del>Miss Mabel Bower</del>	
Marion	Perry County High School	J. A. York	
Milltown	Chambers County High School	G. M. Veazey	
Mobile	High School	Lee Byrne	
Mobile	<del>Knott High School</del>	<del>Miss E. Knott</del>	MISS N. BAKE
Mobile	University Military School	J. T. Wright	
Monroeville	Monroe County High School	G. A. Harris	
Montgomery	Edgar School	R. B. Edgar	
Montgomery	Sidney Lanier High School	A. K. McKemie	
Montgomery	Barnes School	E. R. Barnes	
Moulton	Lawrence County High School	J. M. Crowell	

x Mobile

Academy Vattalion

Baker L. F. LOFTUS

**R.W. GREEN**

✓ Moundville	Normal School	<del>C. A. Young</del>	
✓ New Decatur	High School	R. W. Cowart	
✓ Newton	Baptist Collegiate Institute	A. W. Tate	
✓ Notasulga	Macon County High School	C. C. Slaton	
✓ Odenville	St. Clair Co. High School	J. O. Sturdivant	
✓ Oneonta	Blount County High School	T. C. Moore	
✓ Opelika	High School	S. O. White	
✓ Opp	High School	J. M. Farris	<b>R.A.M. DAVIS</b>
✓ Oxford	Calhoun County High School	R. S. King	
✓ Ozark	Dale County High School	E. J. Laney	
✓ Piedmont	High School	J. N. Bragg	
✓ Plantersville	Dallas County High School	J. M. Moulder	
✓ Prattville	Autauga County High School	H. T. Wallace	
✓ Reform	Pickens County High School	J. E. Hendley	
✓ Roanoke	Handley High School	L. L. Vann	
✓ Rockford	Coosa County High School	<del>A. R. Jones</del>	<b>I.K. HUNT</b>
✓ Rogersville	Lauderdale Co. High School	E. M. Hodson	
✓ Russellville	Franklin County High School	E. T. Bolding	
✓ Scottsboro	Jackson County High School	R. P. Wills	
✓ Selma	High School	A. F. Harman	
✓ Sheffield	High School	W. P. Johnson	
✓ Sylacauga	4th District Agri. School	Geo. Thigpen	
✓ Talladega	High School	D. A. McNeill	
✓ Thomaston	Marengo County High School	J. L. Gibson	
✓ Thomasville	High School	H. M. Morrow	
✓ Thorsby	Thorsby Institute	S. H. Herbert	
✓ Tuscaloosa	High School	F. L. Grove	
✓ Tuscumbia	High School	J. F. Collins	
✓ Tuskegee	High School	R. E. Thompson	
✓ Union Springs	High School	E. S. Pugh	
✓ Vernon	Lamar County High School	E. L. Williamson	
✓ Wedowee	Randolph Co. High School	H. D. Weathers	
✓ Wetumpka	5th District Agri. School	C. V. Thompson	
✓ York	Sumter County High School	W. F. Osburn	

## PARTIALLY AFFILIATED SCHOOLS

**Carbon Hill****High School****M. F. DOZIER**

✓ Aliceville	High School	J. L. Harper	
✓ Bay Minette	High School	S. M. Tharp	
✓ Boaz	High School	T. C. McAuley	
✓ Camp Hill	Southern Industrial Institute	Lyman Ward	
✓ Carrollton	High School	<del>C. Wilburn</del>	<b>O.G. MYER</b>
✓ Citronelle	High School	B. H. Johnson	
✓ Collinsville	High School	H. G. Tiller	
✓ Elba	High School	J. F. Scofield	
✓ Geneva	High School	<del>H. W. Little</del>	<b>J.E. CHEATHAM</b>
✓ Georgiana	High School	P. B. Pepper	



## PARTIALLY AFFILIATED SCHOOLS

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✓ Girard	High School	<del>W. L. Hicks</del>	<b>R.K. HOOD</b>
✓ Gordo	High School	<del>W. T. Snoddy</del>	<b>RR. ROCKETT</b>
✓ Lanett	High School	W. S. Leatherwood	
✓ Linden	High School	<del>W. P. Cardwell</del>	<b>A.F. RISER</b>
Livingston	High School	<del>R. K. Hood</del>	<b>E.B. CALHOUN</b>
✓ Madison	High School	T. G. Riddle	
✓ Midway	Midway High School	<del>P. A. McDaniel</del>	<b>H.B. HAMNER</b>
✓ Mobile	Baker High School	Miss N. Baker	
✓ New Market	High School	<del>J. D. Farris, Jr.</del>	<b>J.L. MORROW</b>
✓ Pine Apple	Moore Academy	<del>B. B. McLeran</del>	<b>C.H. NEWSOM</b>
✓ Red Level	High School	E. L. Stough	
✓ Samson	High School	<del>W. T. Tiller</del>	<b>W.B. SPEER</b>
✓ Slocomb	High School	E. C. Palmer	
✓ Sulligent	High School	<del>J. B. Lucky</del>	
✓ Tuscaloosa	Alabama Preparatory School	<del>S.C. Brown-Benson</del>	
✓ Uniontown	High School	Emmet Kilpatrick	
✓ Leeds	" "	<b>J.W. ELLENBURG</b>	

New:

✓ Leeds.

Easton Hill

✓ Bayles

✓ Chatom





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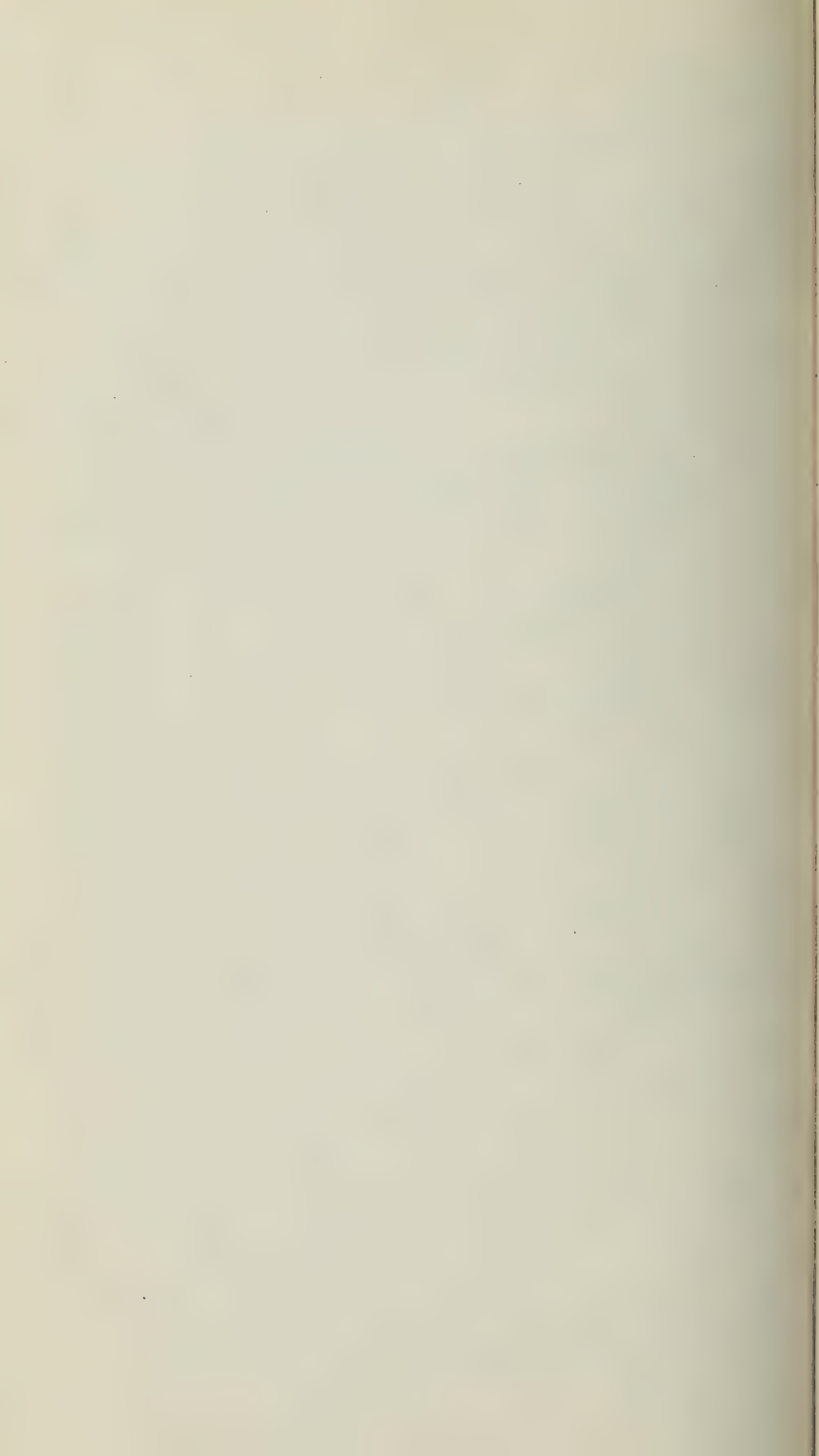












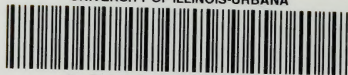








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